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SIMMERS'

ANNALS, MCH 93

General Annual CATALOGUE OF SEEDS

"Simmers Seeds Grow"

BULBS, TOOLS, PLANTS

OUR "FLORAL" COLLECTION CONSISTING OF 10 VARIETIES, ONE OF EACH, AS ILLUSTRATED ON THIS COVER, FOR $1.00 OR FOR 75c. WE WILL SEND POST-PAID, THE COMPLETE LIST, EXCEPTING NOS. 2 AND 7.

A RARE OFFER—DO NOT MISS IT.

No. 1—Pansy, Simmers' Perfection Mixed	25c.	No. 6—Phlox Drummondii, Large Flowered, mixed	10c.
" 2—Canna, Florence Vaughan	50c.	" 7—Rose, "Caprice"	95c.
" 3—Asters, Simmers' Large Flowering Perfection Mixed	10c.	" 8—Sweet Pea, Eckford's Large-Flowering "Primrose"	10c.
" 4—Poppy, French mixed	10c.	" 9— " " " "Alba Magnifica"	10c.
" 5—Forget-Me-Not, Blue	05c.	" 10— " " " "Mrs. Gladstone"	10c.

Please Introduce our Catalogue among your Friends. Having gone to considerable expense in issuing this Illustrated and Descriptive Catalogue, and considering that we Mail it FREE OF CHARGE, we trust our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. J. A. SIMMERS, TORONTO, CANADA.

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Those who receive our Catalogue from year to Year, and who have no use for it, would confer a great favor by advising us of same.

New Customers.

As this Catalogue will reach many who have never had our seeds, we would urge such to send us a TRIAL ORDER, no matter how small, and, although you may be satisfied with seeds bought elsewhere, we believe our SPECIAL STRAINS of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers. Orders by mail a specialty.

Many of the Roots that received premiums, at "The World's Fair," Chicago, were the product of our celebrated seeds.

ANNALS, MCH 95

1894 J. A. SIMMERS' 1894

Novelties & Specialties in Vegetable Seeds

BURPEE'S BUSH LIMA.

Burpee's Bush Lima

Comes absolutely true from seed.

The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two to three feet in diameter. It is an immense yielder, each bush bearing from fifty to two hundred of the handsome large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Limas. By the introduction of this most valuable novelty, the largest and best Lima beans can now be raised in quantity at small cost, without the expense and labor attached to the use of poles. Prices of the genuine seed of Burpee's Bush Lima, all crop of 1893, and warranted true, per pkt., 10c.; 3 pkts. for 25c.; per pint or lb., 30c.; per quart, 60c.; 5 lbs., $1.50; peck, $4.

"Autumn King"

The Finest of all Winter Cabbages.

There is no vegetable that is harder to introduce into general cultivation than a new variety of Cabbage, for the reason that it is probably the most important of all garden crops, so that planters are always slow to take hold of a new variety, preferring to use the old standard sorts on which they have depended for years. We would say without hesitation that it is THE FINEST LATE CABBAGE in this country to-day, occupying the same position among late Cabbages as the Jersey Wakefield and Succession do in their respective classes. The "Autumn King" is an entirely distinct variety, and the best keeper we have ever seen; it produces enormous solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it CAN BE PLANTED MUCH CLOSER TOGETHER THAN THE ORDINARY LATE SORTS, and can be relied on to produce a greater weight of crop than any other variety, from the fact of its producing so few outer leaves and going all to head. A feature of the Autumn King is the peculiarly crimped leaves, which adds to its appearance and enables it to be distinguished anywhere. The engraving gives a good idea of its appearance. Pkt. 5c.; oz. 25c.; 2 oz. 40c.; ¼ lb. 80c.; 1 lb. $3.00.

The Finest of all Winter Cabbages

'Autumn King'

Novelties and Specialties in Vegetable Seeds for 1894

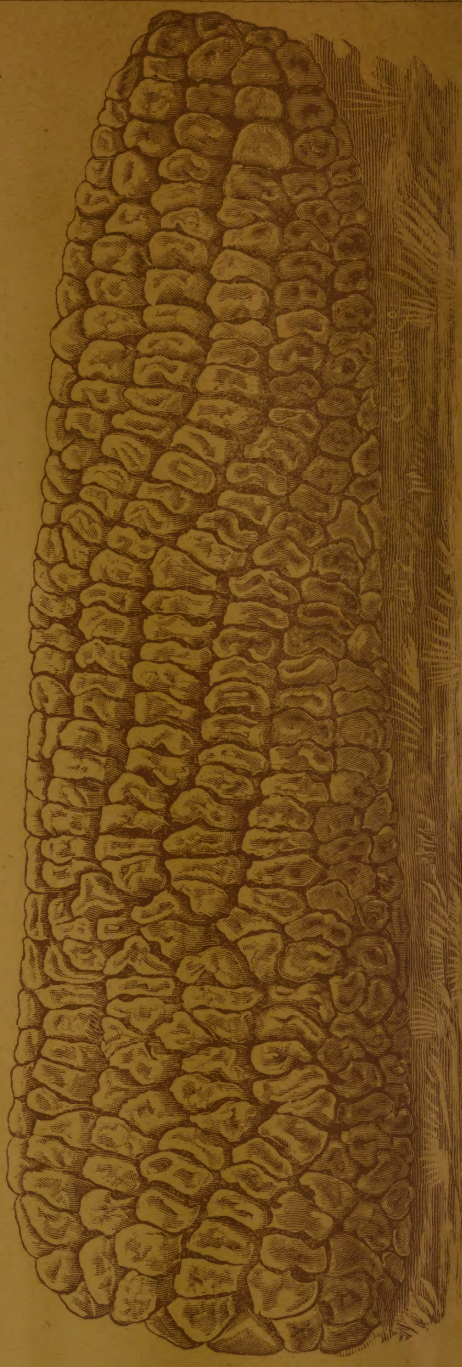
J. A. Simmers' Gilt Edge Cauliflower.

Cauliflower

J. A. Simmers' Gilt Edge.—An experience of five years with this strain enables us to claim for it the distinction of being *the very best and surest of all*. We say positively that it is so *without any exception*. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Per pkt. 25c.; ⅛ oz. $2.25; oz. $4.00.

Corn

Silver Coin Sweet.—We take great pride in offering this grand new Sweet Corn, which we believe to have no peer in all around usefulness. The accompanying illustration, engraved from a photograph, shows an ear of new Silver Coin Sweet Corn when fully shriveled and dry enough to shell readily. It is only two-thirds natural size. This plainly shows it to be a very large sort when in edible condition, and when we state that the stalks each produce usually two and occasionally three such ears, it will be seen what an immense cropper the Silver Coin Corn is. It is remarkable, however, that although of such large size, it is fully as early as Stowell's Evergreen. It is also more prolific and the ears more uniformly well filled at the ends, and in the point of remaining long in edible condition it ranks with the now celebrated Gold Coin. The kernels are broad and deep and of pearly whiteness in all stages of growth. The depth of kernel is aptly referred to by one admirer, who says that "those who like to eat corn without *gnawing a cob* will hail the new Silver Coin with delight." In fact, considering the tender and lucious quality of this grand new Corn, together with its depth of kernel, it is really a luxury to secure it after eating ordinary kinds. It will be found to excel in two very important points—productiveness and quality. Per pkt. 10c.; 1 lb. 25c.; 5 lb. $1.00.



Silver Coin Sweet Corn.

Cucumber

"Cool and Crisp."—The cut gives a good idea of the shape of this valuable variety. It will be noticed that it is inclined to taper off at the stem end, and is generally a little pointed at the other end also. This is the most desirable shape for pickles. At the pickling stage the Cucumbers are straight, long, even and slim, and until they reach their full size they are of a very dark green color, so dark that it might be almost called "black." The peculiar feature of this variety is the knobs or protuberances, upon which the spines are placed, are prominent at all stages of growth, giving the Cucumber a very attractive appearance. This variety is the *earliest and most prolific of all Pickling Cucumbers*, and is certain to become a standard sort. While primarily a pickling variety, it is also most useful for slicing, the Cucumbers, when fully matured, being of good size and exceedingly tender and crisp. See cut. Price, 10c. per pkt.; 3 pkts. 25c.

"Cool and Crisp" Cucumber.

Cucumber

New Japanese Climbing

While all Cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so that it quickly climbs on poles or trellises in the same manner as the climbing Lima Bean. It is entirely distinct, being much more rugged in its constitution and less susceptible to disease than the ordinary cucumbers, and is immensely more prolific, each vine producing from 25 to 30 splendid Cucumbers, even on poor soil. The quality is splendid, and is pronounced by connoisseurs to be superior to the ordinary varieties. It is well adapted for pickling as well as slicing for salads. (See cut.) Pkt. 10c., 3 for 25c.

New Musk Melon

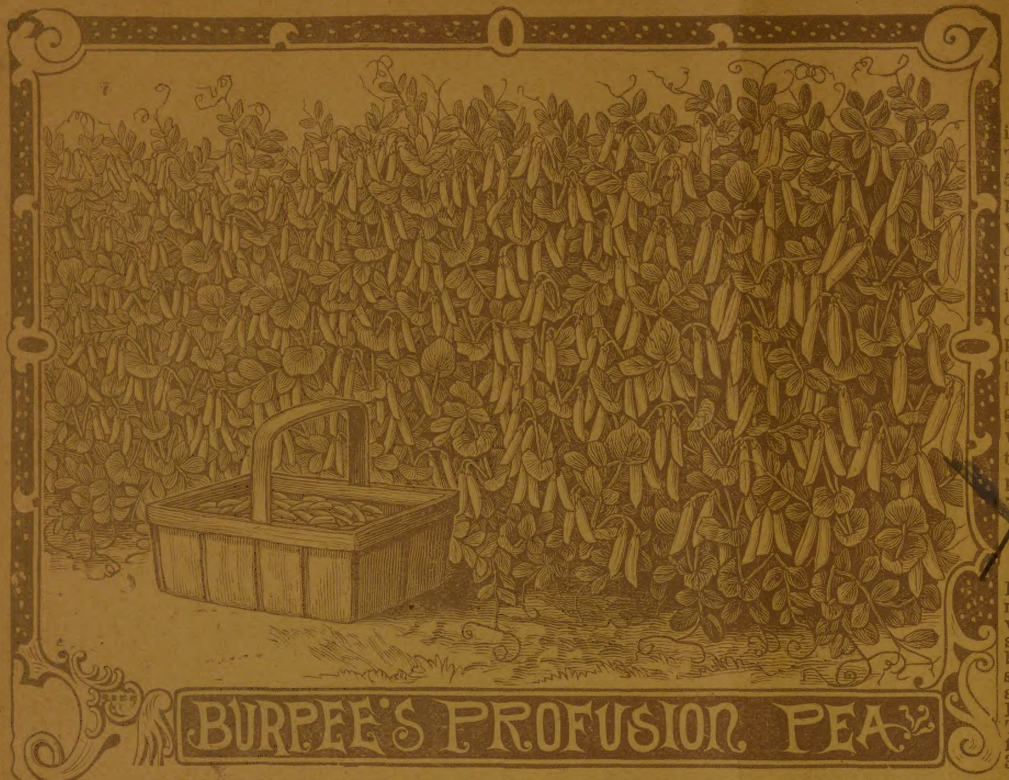
"Perfected Delmonico"

This is a selection of the well-known Delmonico Musk Melon. The improved type is almost a perfect globe in shape; the skin is a peculiar grayish-green until ripe, when it changes to a bright yellow. The ribs of this Melon are wide and covered thickly with a prominent netting. The Melons average about six inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep, rich, orange yellow color, and of very fine grain, without the slightest stringiness. This variety produces Melons of uniformly high quality, and is likely to displace all other red or yellow fleshed sorts. It is a strong, hardy grower, and very prolific. We can recommend it either to the market gardener or amateur. (See cut.) Price per pkt. 15c.; 2 pkts. for 25c.

WE WILL GIVE One packet of each of these 16 sterling Novelties for $1.50, (Catalogue price $1.80), or any 8 packages for 80c.

Black Nubian Pepper

This unique novelty is unlike any other known variety. The peppers are of a deep blue-black, appearing nearly *coal-black*, while the stalks of the plants are *also black*, bearing *deep purple flowers*. The handsome, bushy plants when in flower and fruitage, bearing the numerous peppers upright on stiff stems, are indeed a novel sight, and attract universal attention. The peppers are never green, but from the time they are first formed until full size are always of the same intensely deep coal-black color, and afterwards, as they ripen, turn to a rich maroon. So novel a plant attracts universal attention; the peppers are superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Per pkt. 10c.; 3 pkts. for 25c.; per oz. 50c.



BURPEE'S Profusion Pea

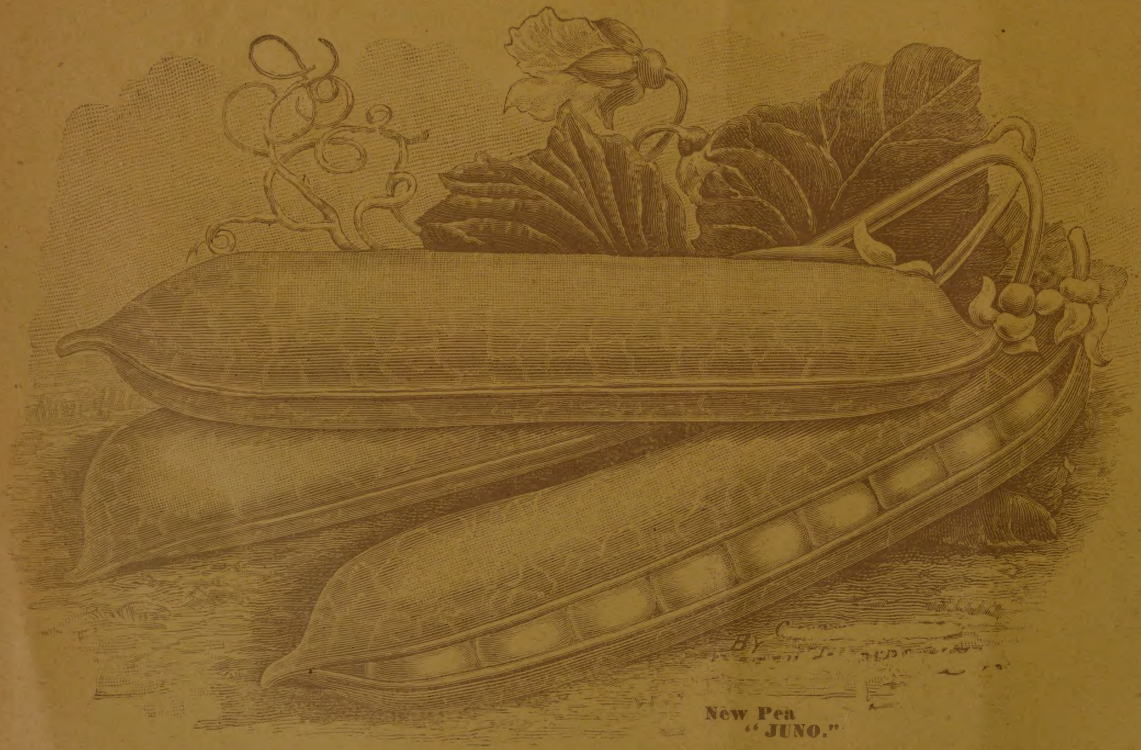
Is of vigorous growth, attaining three feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The natural-sized pods are represented by the engraving herewith; they are well packed with *large, luscious Peas, of very sweet and splendid quality.* The peas are of very large size, often one-half inch in diameter, when green, and are packed closely together in the pods, five to nine in a pod. The plants are continuous bearers, extending over a period of several weeks. Its immense-productiveness, also stout, healthy growth and fine quality must make it a leading variety for main crop as soon as it becomes thoroughly known. Per pkt. 10c.; per pint or pound 30c.

PEARL FORCING RADISH

This new sort is a cross between Wood's Early Frame and Long White Strasburg. A most distinguishing characteristic is its rich, waxy appearance. The shape is one long sought for, and the most advantageous for bunching, being what might be called half stump-rooted. They remain in edible condition at least *two weeks* longer than Wood's Early Frame, are not pithy, and do not become woody. The color is pearl white, and the texture very firm and solid. Per pkt. 10c.; 1 oz. 20c.; 2 oz. 35c.; ¼ lb. 60c.; lb. $2.00.

New Pea "Juno" A Grand Acquisition.

This Pea first came under our notice several years ago, when it strongly impressed us as being of a desirable and fixed type. We have closely watched it, and we have no hesitation in saying that it is by far the best Wrinkled Pea of its class to-day. It differs from the Heroine in that it has a more robust vine, and has stout straight pods, usually borne in pairs. It is noticeable that the pods are very thick, broad-backed all the way up, and filled from the stem to the tips with seven to nine sweet, delicious DARK green Peas of immense size. Its height is two feet, and its season from medium early to main crop. Altogether, we are satisfied it is a Pea that is destined to become a standard variety, and we strongly advise all to try it. See cut. Price per pkt. 10c.; pt. 25c.; qt. 40c.



New Pea "JUNO."

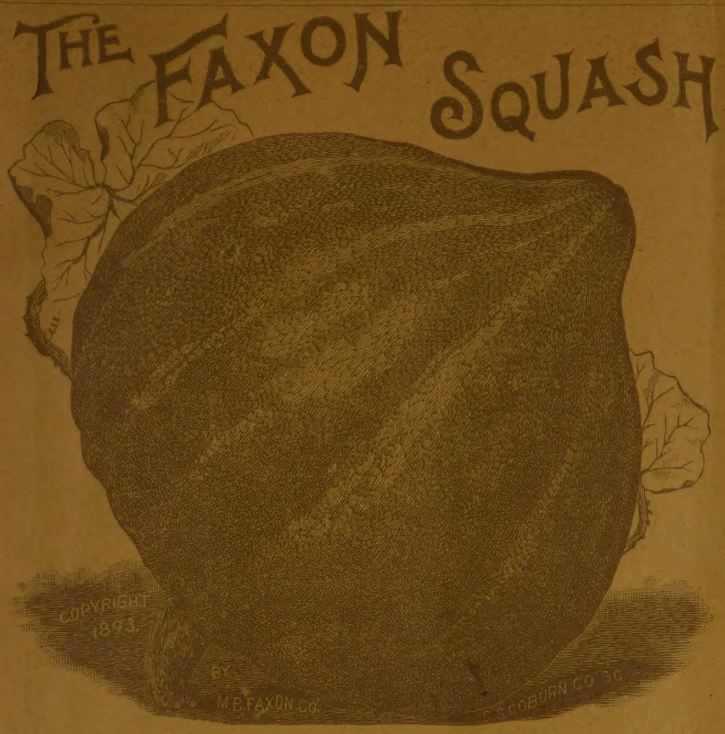
New Mammoth Sage

The plants are very strong growing, the first season attaining 1 foot in height, and spreading so that a single plant covers a space of three feet. The leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers, and never runs to seed. Price, 15c. each, 2 plants for 25c.; 5 for 50c., mail postpaid.

Stachys Affinis

CHINESE ARTICHOKE OR VEGETABLE WHITEBAIT

This vegetable which we offer is attracting considerable attention. In England the agricultural and garden papers are praising it extravagantly, and it is evident we have not known or appreciated its great value. Cooked like Whitebait it is said to be a most excellent substitute for that popular dish, the bulbs taste much like the tuber of an artichoke, and are good cooked in a variety of ways, fried, roasted, baked, etc., but are particularly valuable for stock owing to their enormous productiveness. They are probably the most valuable feed to raise for swine. They yield a bushel of tubers to every 10 feet of row. The bulbs are very sweet, tender and nutritious. They are perfectly hardy, and like parsnips and artichokes are best if left in the ground till spring. They are then very sweet and delicious. Fine tubers 15c. per doz.; 60c. per 100.



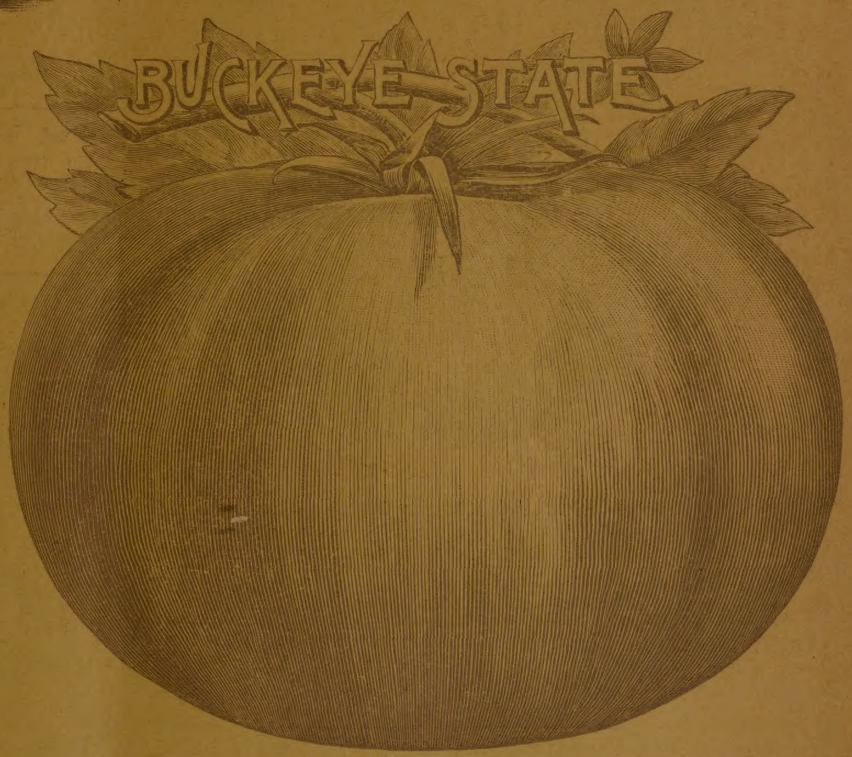
The Faxon Squash Our engraving has been most carefully reproduced from a photograph, and will give a good idea of the shape and general appearance of this new variety. A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled, and faintly striped with a lighter green. In this respect it is different from all other varieties.

The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that, while uncooked it appears to have a shell like any squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. It is the best squash we ever tasted—sweet and very dry—and for squash pies it must be tried to be appreciated. It matures early and can be used as a summer squash, and it is the best winter variety we know of, being a very late keeper, we having repeatedly had squashes in our cellar in perfect condition in April and May. Very early, enormously productive, of medium size and the best possible quality, we fully believe that this new variety is destined to become a standard amongst squashes both for home use and market purposes. Price per liberal pkt. 15c.; 2 for 25c.; oz. 40c.; ¼ lb. $1.25.

Long Island White Bush Squash It was a selection of the old White Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper, so that a single squash would actually contain nearly twice as much weight as the old sort. In addition to this, it is of finer quality and very prolific. Pkt. 10c.; oz. 25c.; 2 oz. 40c.; ¼ lb. 75c.; lb. $2.50.

Ponderosa Tomato The Ponderosa possesses every good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and free from ridges. Pkt. 10c.; 3 for 25c.; oz. 50c.; 2 oz. 80c.; ¼ lb. $1.50; lb. $4.

The New Buckeye State Tomato which we offer for the first time, is the largest fruited variety we have ever put out. It averages at least one-half larger than Beauty. When we state that in addition to its very large size, it is also smooth and uniform, we are sure we have said enough to enlist the attention of Tomato growers. This is not all, however, for although its large size might lead some to believe the fruits are few in number, yet the fact it is even more prolific and abundant in fruitage than the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The Tomatoes are borne in immense clusters of four to eight fruits, and occasionally ten large fruits have been found on a single cluster. In time of ripening it matures with the Stone. In solidity and meatiness it has no equal, while in luscious quality none surpass it. The color is much the same as Beauty, but of a somewhat darker and richer shade. In shape it is, when compared to its other proportions, a little thicker from blossom end to stem, than most other sorts. With the above valuable characteristics, not one of which has been overpraised, it must be apparent to all that the New Buckeye State Tomato will take its place in the front rank. **Pkt. 10c.; 3 for 25c.; oz. 50c.**



Delicata Squash

Color of this variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well-known Fordhook Squash. The Delicata is the earliest of any vine squash that we have ever tested, and is so prolific that last season from 12 hills of two plants each 352 perfect Squashes were gathered. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use particularly we can recommend this Squash, as it far surpasses in richness of flavor any of the large old-fashioned sorts. In our trial grounds last season, we probably had 100 varieties and stocks of Squashes under test, but of all this number not one produced as many Squashes as the Delicata. As before stated, the great distinctive feature of this Squash is its extreme earliness; it matures about the same time as the Summer Squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity renders it fully as good a keeper as any of the winter varieties. The Delicata is an "all-season" Squash in a remarkable degree. We can highly recommend it. See cut. **Price, pkt. 10c.**

We will give one each of these 16 sterling Novelties for $1.50, (Catalogue price is $1.80), or any 8 pkgs. for 80c.

Delicata Squash.

J. A. SIMMERS'

Flower Seed Novelties and Specialties

FOR 1894

Emily Henderson — The Queen of White Sweet Peas.

768. A gloriously beautiful acquisition of American origin. Absolutely pure white, as clear as alabaster and as lustrous as satin. The flowers, of remarkable substance, are borne on long stiff peduncles, are extra large, with broad round standards that stand up boldly without reflex or curl.

The plants are robust, compact and branching, producing such a prodigious abundance of flowers, that the plants appear as if covered with snow. From one plant, specially cultivated, we have cut in one season, the seemingly incredible number of 1035 sprays of bloom. In earliness it outrivals all competitors by nearly two weeks, and continues a veritable "cut-and-come-again" to the end of Autumn. The fragrance is most delicious and distinct. For forcing under glass it is particularly adapted. **Price per packet, 15c., about 50 seeds; per oz., 50c.**

"Harlequin" Sweet William

769. The Sweet William—one of the most admired of our garden flowers—has been a favorite for many years, on account of its hardy, vigorous growth, and rich profusion of bloom, and extremely easy culture. The march of progress in horticulture has not left the Sweet William behind, as was apparent to all who saw and admired the "New Harlequin" in full wealth of bloom the past summer. As a mass they were extremely effective, and the plants individually are especially attractive, bearing numerous large heads of flowers, from 4 to 5 inches across, each head being composed of different colored florets, such as dark crimson, white, pink, flesh, striped, etc., etc.; these colors banking against each other in charming confusion, produces a very bizarre effect, and brings out a richness and vividness of coloring by the sharp contrasts that we have never before seen equalled. **Price per packet, 15c.**

New Tom Thumb Ageratum — Large Flowering Rose.

770. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Like all Ageratums, this blooms continuously, and for beds in the flower garden, either as edgings, ribbon planting or for masses—it is very effective until frost—and is equally as desirable for pot culture, or as a basket or vase plant. **Price 10c. per packet.**

Striped "Cup and Saucer" Bell Flower

(Campanula media calycanthema striata.)

771. A comparatively new variety of the familiar "Canterbury Bell," and one of the most beautiful plants when in bloom that can be imagined. The bells average 3 inches in length, and the saucers 3 to 4 inches across—of a satiny lavender—spotted and striped with rich violet purple, the plants of stalky habit, form perfect pyramids of bloom about 24 inches high, and they bear frequently from 100 to 200 of these exquisite blossoms, which last in perfection for weeks during the early summer. Hardy biennial. **Pkt. 10c.**

Californian Golden Bells *(Emmanthe pendulifera.)*

772. An annual—forming bushy plants, 9 to 12 inches high—each branch is loaded with broadly bell-shaped pendulus unwithering flowers, about ½ an inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells, the foliage, however, is pinnatifled. **Price 10c. per packet.**

773. **Giant American Cowslip** *(Dodocatheon Clevelandi).* It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and a beautiful plant for partially shaded situations. **Per packet, 25c.**

The Great White California Poppy *(Romneya Coulteri.)*

774. This fine perennial is of supreme and stately beauty as an outdoor plant; it may well be considered as one of the best of plants for yielding a long succession of bloom, flowering as it does from July until November. It is of value as a cut flower, lasting well in water, and its delicate primrose like perfume is most acceptable in a room. The texture of the petals is extremely delicate, indeed, half transparent; they never lose the crumpled folds that in the case of most poppies betoken a newly opened state. The flowers are large—4 to 5 inches across—pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. This poppy certainly is worthy of a trial, and will please in every instance any special care bestowed upon it. **Price per pkt., 25c.**

KALANCHOE CARNEA

775. This strikingly beautiful decorative plant commences to flower at Christmas and continues in bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. It attains a height of about 18 inches and is of good bushy habit. The flowers are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a beautiful delicate pink color, and in addition, are deliciously fragrant. **Per pkt., 20c.**

"Giants of California"

776. The grand improvements in Petunias for the past few years left the impression that the acme of perfection had been reached, but such was not the case. Our grower, a specialist in California, after crossing, hybridizing and selecting for several years, starting from the finest sorts then obtainable in Europe and America, aided by congenial culture and climate, has produced a strain of incomparable beauty, size and luxuriance, and remarkable in many respects. They are very deep-throated. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often 5 in. across, but their great merits lie in the innumerable varieties of colors, many of them intense; with markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations—some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins, or exquisitely pencilled combinations quite new in Petunias. Some of the colors are rich and gorgeous, and others of lovely delicate shades; the flowers are moreover of great substance. **Price, mixed varieties, per packet, 25c.**

NAMED HYBRIDS OF SPECIAL MERIT

777. **Petunia, Giant of California—"Snowstorm."** Extra large flowers, 4 to 5 inches in diameter, of splendid substance; purest glistening white, with ruffled or fringed edges; deep yellow throat. **Price per packet, 25c.**

778. **Petunia, Giant of California—"Aurora."** The handsomest of all Petunias, a particularly lovely shade of rosy pink, with a distinct red band around the deep, exquisitely pencilled white throat; the flowers are of immense size and perfect shape. **Per pkt. 25c.**

779. **Petunia, Giant of California—"Midnight."** The coloring of this variety is rich beyond description; dark claret crimson, with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. The flowers are of immense size—4 to 5 inches across, fringed edges, and deep intricately veined throats. **Pkt. 25c.**

"Curled and Crested" ZINNIAS

New, Odd and Superb

Petals Twisted, Curled and Crested into Fantastic Contortions and Graceful Forms. A Magnificent Variety of Colors.

780. These unique and charming Zinnias originated five years ago, and by persevering selection and careful culture, we have worked up this strain which eclipses in beauty, beyond all question, any other type of this popular garden annual. The flowers of Curled and Crested Zinnias are of perfect form—large, round, full and double, the petals being twisted, curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. Nature, it seems, was not satisfied with producing something new, odd and superb in form, but tried to outdo herself on this, her new protege, for not the least among the merits of Curled and Crested Zinnias is the remarkable range of colors, lavish profusion of bloom and compact symmetrical habit of the plants. In going through our field of these Zinnias we noted in reds, the following shades: scarlet crimson, orange and blood purple; in pink: flesh, chamois, apple-blossom and deep-rose; in yellows: cream, canary, buttercup, deep yellow, old gold and russet; then we had many intermediate shades, and some exquisitely striped flowers and grand whites. **Price per packet, 15c.**

Note.—It is well-known that the first or early flowers of double Zinnias do not always come perfect. The "Curled and Crested" strain is no exception to the rule, but they will come 90 per cent. true, so do not rogue out too early but wait for the character flowers.

NEW EARLY FLOWERING
Branching Tuberose "Albino."

On account of its earliness, purity of color and abundant bloom it is grand for forcing under glass. Awarded a certificate of merit by the National Florists' convention, U. S. A.

781. The distinctive features of this single white tuberose are such as to make it most popular. The petals recurve gracefully, which add greatly to the size of the individual flower. The flower spike is very large and evenly filled; flowers 30 days earlier than the old single variety, throwing from two to five flower stems from a single bulb, and these again, are often branched, but its great merit above all other Tuberoses is that it is entirely free from the brown tint common to the old sort on the back of the petals, the tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. This characteristic is so distinct that when first seen, being single, it might be said to resemble a Stephanotis, or some species of Jessamine as much as a Tuberose, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberose. Price, 15c. each; $1.50 doz.; $10.00 per 100.

PEACOCK PANSY

782. A very free blooming and attractive Pansy, throwing blossoms up early, and remaining in perfection a long time. The blossoms are very large, but the sterling characteristic of it is the brilliant and novel coloring. The upper petals are of a royal purple, shot with peacock blue, the lower petal also of these colors. This peacock blue is a color we have never seen before in Pansies. The two lateral petals are of rich maroon, all the petals being encircled with a delicate tint of terra cotta rose, well defined. Pkt. 25c.

Petunias

Fimbriata Venosa Flore Pleno Double Fringed Veined Petunia.

783. Beautiful and dainty variety, the deeply fringed flowers of which are of a light lilac color and almost entirely covered with a charming reddish-violet reticulation. About 40 per cent. of the seedlings will produce double flowers, while those of the remainder will be of the otherwise pretty single sort. Per pkt. 50c.

Hybrida Maxima fl. pl., brilliant rosa.

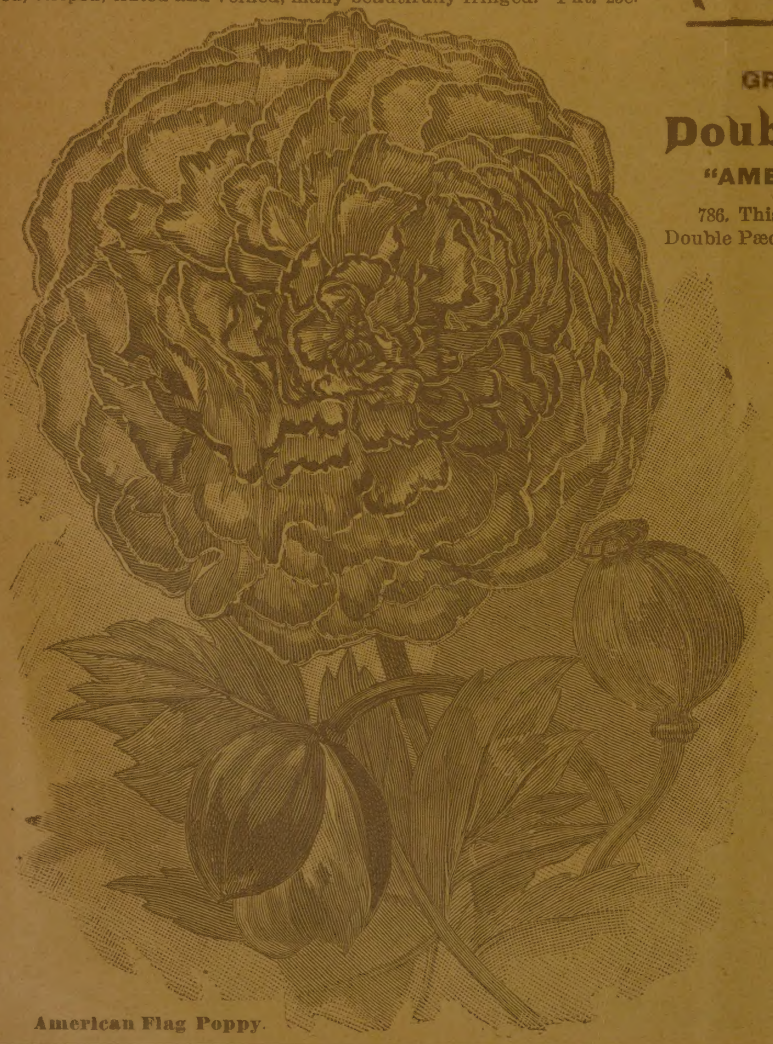
784. Of compact growth and beautiful rose color; a highly recommended novelty, with a large percentage of double flowers. Pkt. 25c.

Hybrida Maxima fimbriata, fl. pl., extra.

785. Large double flowers of exquisite new colors, marked, blotched, striped, tinted and veined, many beautifully fringed. Pkt. 25c.

GRAND NEW
Double Poppy
"AMERICAN FLAG"

786. This is the most beautiful Double Pæony flowered Poppy that ever came under our notice. The plants are robust growers-about two feet high, well branched, bearing freely large owers three to four inches across. Very double and charmingly colored; a pure white ground, margined dark orange scarlet. Unlike most double Poppies, with two colors, one of which is obscure, in this variety the ground color is plainly displayed, making an unusually effective combination. **Price per pkt. 15c.**



American Flag Poppy.

Ricinus Zanzibariensis

787. This variety of Castor-Oil Bean or Palma Christi, which we received from East Africa, represents an entirely new and distinct class. Having cultivated this beautiful plant we are pleased to state that we met with an unexpected success this very unfavorable season. The plant attained great dimensions, presenting a splendid aspect with their gigantic leaves, which surpassed in size and beauty all the species and varieties known hitherto. We do not doubt but that, as soon as this new Ricinus is introduced in our gardens, the older varieties will soon disappear altogether. The seeds also are very distinct, they are of a large size and of new and exquisite tints. This variety produces light green leaves of 2 to 2½ feet across, with whitish ribs, and may in its general appearance be compared to a luxuriantly growing, giant Aralia Sieboldi. Stems, branches and fruit are also of a light green color. Seeds beautifully speckled carmine on delicate pink ground. Ornamental foliaged plant of great effect for large groups or single specimens. **Per pkt. 25c.**

1894

To our Friends and Patrons

GREETING ✣ This being the **Thirty-Ninth Year** since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs, Plants, etc., for 1894,** we take this opportunity of returning sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, trusting that they will continue to extend to us that liberal share of their patronage which we may fairly claim, at all times, to have done our utmost by honest and square dealings to deserve.

Our Catalogue ✣ We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of any article (of whatever nature) obtainable in the interest of our numberless customers. Please write for anything in the seed line you may wish to procure which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of outrageousness, and make our engravings as true to type and nature as possible, considering well the fact that a Seedsman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and then thrown aside.

Our Seed Stocks ✣ Our Seed Stocks have been kept up to our high standard of excellence; our plants are well grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable.

Our Prices ✣ It is our constant aim to make Highest Quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices, therefore, will, in all cases, be found as low as those of any other reliable house for seeds of the highest standard of excellence. "Our success achieved can only be maintained by the methods that obtained it."

Orders ✣ We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberallv and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, **both in quality of the articles supplied, and in the manner of packing and forwarding.**

About Warranting Seeds ✣ It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. We spare no trouble or expense in this matter, *but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.*

Publications ✣ We issue the following Catalogues and Price Lists during the year:—January 1st, Market Gardeners' and Florists' Price List. January 10th, Trade List of Seeds, etc. January 1st, Illustrated Guide for Amateur Gardeners (this one). August 15th, Price List of Winter Wheat. Sept. 1st, Autumn Catalogue of Holland Bulbs, etc.

PLEASE READ CAREFULLY

What we do

Seeds by Mail.—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangel, Peas, Rape, Field Turnips and Swedes, Clover, Grasses, and Bird Seeds; to these varieties four cents per pound must be added for postage.

We Guarantee that every package we send out shall reach its destination in good condition, and that everything shall be received exactly as ordered. If a package is lost we will duplicate same.

We Pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders.—As the season advances our stock of some varieties becomes exhausted. In such case we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Orders.—We fill orders within forty-eight hours after being received, if possible.

Errors.—Should any errors occur, we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

What Customers should do

Forward Money with the order, and at our risk when sent by post office order, bank draft or registered letter. All money sent by either of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the post-office address or county. Keep a copy of your order, by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send your Orders early.—By so doing you are sure of getting all you order, for as the season advances some varieties run short.

Ladies should always prefix their names with Miss, or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husbands' names in sending an order, and then again in their own names, perhaps making enquiry about it, or *vice versa*. This gives us a great deal of trouble looking through long files.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to some one who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express. Should instructions not be given, we shall use our best judgment as may seem to us advisable.

Should you make any change in your permanent address, please notify us, so that we may be able to forward our Catalogue to you every year.

Important.—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing duplicate order, and state the date order was mailed, the amount of money enclosed, and in what form. On receipt of this we will at once duplicate order, and investigate the matter; but if duplicate is not sent, we cannot comply.

Goods ordered shipped to any flag station must have freight prepaid.

Seeds ordered by the peck or bushel will be sent either by express or freight, at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMANN SIMMERS } **J. A. SIMMERS**

Offices and Seed Warehouses—
147, 149, 151 KING ST. EAST, SOUTH SIDE
2ND, 3RD, AND 4TH DOORS WEST ST. LAWRENCE MARKET
TORONTO

Telephone No. 191. Cable Address: SIMMERS, TORONTO

Simmers' Great Garden Seed Collections

By putting these up complete, all ready for mailing, early in the season before our spring trade begins, we can do so at the lowest possible expense. There then remains nothing to do but write the address of the customer, stamp and mail the package. This is a great saving of time to us and we give our customers the benefit of it in the **bargains.**

They are free by mail on receipt of price. Not subject to any discount.

☞ Considering the extremely low rates, we cannot possibly permit any changes, and the varieties are of our own selection. ☜

No. 1 $ COLLECTION

Contains **33** packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year and 1 pkt. of Flower Seeds, which we will send prepaid to any address in the Dominion of Canada, for the extremely low price of **$1.00.**

Bean, Rust Proof Golden Wax.
Bean, Improved Valentine.
Beet, Edmand's Blood Turnip.
Cabbage, Early Jersey Wakefield.
Cabbage, Vandergaw.
Celery, Golden Self-Blanching.
Celery, White Plume.
Corn, Sweet, Cory.
Corn, Sweet, Ne Plus Ultra.
Carrot, Scarlet, Intermediate.
Cucumber, Chicago Pickle.
Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.
Lettuce, Simpson's Early.
Musk Melon, Green Nutmeg.
Musk Melon, Simmers' Dominion Musk.
Water Melon, The Boss.
Water Melon, Cuban Queen.
Onion, Mammoth Silver King.
Onion, Prizetaker.
Parsley, Champion Moss Curled.
Parsnip, Improved Hollow Crowned.
Pepper, Sweet Spanish.
Peas, American Wonder.
Peas, Stratagem.
Pumpkin, Mammoth.
Radish, Olive-shaped, Scarlet.
Radish, Long Scarlet.
Salsify, Mammoth Sandwich Island.
Squash, Summer, Crook Neck.
Squash, Sibley.
Turnip, Purple Top, Strap-leaved.
Tomato, Early Mayflower.

☞ And Pkt. Wild Garden Flower Seed Mixture.

Garden Collection No. 2

16 Packets for 50 Cents

Beans, Simmers' Giant Wax.
Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Corn, Sweet, Cory.
Cucumber, White Spine.
Cabbage, Vandergaw.
Celery, White Plume.
Lettuce, Simmers' Nonpareil.
Musk Melon, Green Nutmeg.
Water Melon, The Boss.
Onion, Mammoth Silver King.
Parsnip, Improved Hollow Crowned.
Parsley, Champion Moss Curled.
Peas, American Wonder.
Radish, Long Scarlet.
Tomato, Early Mayflower.

☞ And Pkt. Wild Garden Flower Seed Mixture.

Garden Collection No. 3

8 Packets for 25 Cents

Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.
Musk Melon, Green Nutmeg.
Water Melon, The Boss.
Onion, Mammoth Silver King.
Radish, Scarlet, Olive-shaped.

Simmers' Vegetable Collection for Farmers No. 4

Price, 75 Cents

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Water Melon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

Liberal Premiums on Seeds in Packets

The extensive distribution of our Seeds is our special object, and for the purpose of encouraging and promoting the taste for horticulture, we offer the following inducements to clubs, or those persons willing to collect orders for them among their friends and neighbors, viz. :

Purchasers remitting $ 1.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $ 1.15
Purchasers remitting $ 2.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $ 2.35
Purchasers remitting $ 3.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $ 3.60
Purchasers remitting $ 4.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $ 4.80
Purchasers remitting $ 5.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $ 6.00
Purchasers remitting $10.00 may select Vegetable or Flower Seeds in packets at Catalogue Prices amounting to $12.00

We wish it to be distinctly understood that the above gratuities apply to SEEDS IN PACKETS ONLY, and must be taken out in SEEDS IN PACKETS ONLY. Seeds by the ounce or pound will not be included.

Reliable Table Showing the Quantity of Seed Usually Sown Upon an Acre.

	Lbs. per Bush.	
Barley, broadcast	48	2 to 3 bush.
Beans, Dwarf, in drills	60	1½ bush.
Beans, Pole, in hills	60	10 to 12 qts.
Beets, Table, in drills		6 lbs.
Beets, Mangel-Wurzel		5 lbs.
Buckwheat	48	1 bush.
Cabbage in beds to transplant		½ lb.
Carrot, in drills		3 to 4 lbs.
Clover, Red	60	20 lbs.
Clover, White	60	12 to 15 lbs.
Clover, Alsike	60	10 lbs.
Clover, Lucerne or Alfalfa	60	20 lbs.
Corn, in hills		8 to 10 qts.
Corn, for Fodder	56	3 bush.
Cucumber, in hills		2 lbs.
Flax, broadcast	56	1½ bush.
Grass, Kentucky Blue	14	3 bush.
Grass, Orchard	12	3 bush.
Grass, English Rye	24	3 bush.
Grass, Red Top	10	3 bush.
Grass, Timothy	45	½ bush.
Grass, Hungarian	48	1 bush.
Grass, Lawn	15	4 bush.

	Lbs. per Bush.	
Melon, Musk, in hills		2 to 3 lbs.
Melon, Water, in hills		4 to 5 lbs.
Millet	48	1 bush.
Oats, broadcast	34	2 to 3 bush.
Onion, in drills		6 to 8 lbs.
Onion, for Sets, in drills		50 lbs.
Onion Sets, in drills		6to 12 bush.
Parsnip, in drills		4 to 6 lbs.
Round Peas, in drills	60	1½ bush.
Wrinkled Peas, in drills	56	1½ bush.
Peas, broadcast		3 bush.
Potatoes, cut tubers	60	8 bush.
Pumpkins, in hills		3 lbs.
Radish, in drills		8 to 10 lbs.
Rye, broadcast	56	1½to 2 bush.
Spinach, in drills		15 lbs.
Squash, bush varieties, in hills		4 lbs.
Squash, running varieties, in hills		3 lbs.
Tomato, to transplant		½ lb.
Turnip, in drills		2 lbs.
Turnip, broadcast		2 lbs.
Vetches, broadcast		2 to 3 bush.
Wheat, broadcast	60	1½to 2 bush.

Quantity of Seed Required for a Specified Length of Drill.

Asparagus ..... 1 oz. for 60 ft. of drill.
Beet ..... 1 oz. for 50 ft. of drill.
Beans, Dwarf .. 1 qt. for 100 ft. of drill.
Beans, Pole..... 1 qt. for 150 hills.
Carrot ..... 1 oz. for 150 ft. of drill.
Cucumber..... 1 oz. for 50 hills.
Corn ..... 1 qt. for 200 hills.
Leek ..... 1 oz. for 100 ft. of drill.
Melon, Water .. 1 oz. for 30 hills.
Melon, Musk.... 1 oz. for 50 hills.
Onion ..... 1 oz. for 100 ft. of drill.
Onion Sets, small 1 qt. for 40 ft. of drill.
Parsley ..... 1 oz. for 125 ft. of drill.
Parsnip ..... 1 oz. for 150 ft. of drill.
Peas ..... 1 qt. for 100 ft. of drill.
Pumpkin ..... 1 oz. for 40 hills.
Radish ..... 1 oz. for 75 ft. of drill.
Salsify ..... 1 oz. for 70 ft. of drill.
Spinach..... 1 oz. for 75 ft. of drill.
Squash, Early .. 1 oz. for 50 hills.
Squash, Marrow 1 oz. for 20 hills.
Turnip ..... 1 oz. for 150 ft. of drill.
Cabbage ..... 1 oz. for 2000 plants.
Cauliflower .... 1 oz. for 2000 plants.
Celery ..... 1 oz. for 3000 plants.
Lettuce ..... 1 oz. for 3000 plants.
Pepper ..... 1 oz. for 1000 plants.
Tomato ..... 1 oz. for 1500 plants.

DEAR SIR,— March 10th, 1893.

I have used your seeds for several years, and have always found them of the very best quality. Enclosed find an order which I have no doubt will be promptly filled.

Yours respectfully, DANIEL TAGGART, Parrsboro.

DEAR SIR,— RALPHSTON, April 15th, 1893.

We have been using your seeds for the last five years, and they have given perfect satisfaction.

Yours truly, MRS. R. C. MACDONALD, Ralphston, Man.

Simmers' General List of Vegetable Seeds

WITH MINUTE DIRECTIONS FOR CULTIVATION

THE following list embraces not only all the standard varieties of vegetables, but also those novelties which, after careful and comparative tests, have been found to be improvements on older varieties, and customers may thus avoid much needless expense and annoying disappointments, go often caused by the unscrupulous recommendations of doubtful "novelties." If our list be not so extensive as that of some other seedsmen we do claim it to be unexcelled **in true value to buyers,** and to this precaution and the high standard of quality maintained by us, we attribute the steady increase of our mail orders, gaining even in poor seasons and doubling in good ones. We avoid all doubtful or cheap sources of supply, paying for our CAULIFLOWER, CELERY, CABBAGE AND MELON seeds **often three times** what we might purchase at, if we would venture the risk of inexperienced growers.

Please note the facilities for sending Seeds by Mail on page 1. *We Guarantee the safe arrival of all Seeds etc., when sent by Mail.*

LIBERAL PREMIUMS ON ALL SEEDS IN PACKETS

To induce our Patrons to form Clubs to purchase SEEDS in quantity, we will offer the following LIBERAL DISCOUNTS on all Seeds in packets:

Purchasers remitting	$1.00	may select Seeds in packets amounting to				$1.15
"	"	2.00	"	"	"	2.35
"	"	3.00	"	"	"	3.60
"	"	4.00	"	"	"	4.80
"	"	5.00	"	"	"	6.00

The above discounts apply to Seeds IN PACKETS ONLY, but does not apply to ounces, pounds, etc.

ARTICHOKE

Culture.—Sow in April in rich soil and transplant to permanent beds the next Spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter.

Connover's Colossal Asparagus.

Large Green Globe. The best for general culture. Per pkt. 5c., per oz. 40c.

Jerusalem Artichokes. A hardy and productive plant, used for cooking, pickling for table use and feeding stock; Strong tubers. Per lb. 10c., peck 75c., bush. $2.

ASPARAGUS SEED

Culture.—In early Spring sow the seed, after soaking it 24 hours in warm water, in drills about 1 foot apart and one inch deep. The soil should be very rich and well worked. Later, thin the plants to 3 or 4 inches apart in the rows, and cultivate often thoroughly through the Summer. Transplant the following Spring into permanent beds, deeply trenched and well mixed with decayed manure. Set the plants with roots well spread and crowns in the same direction, to avoid the roots running together, in trenches 1 foot deep, 15 inches apart, 1 foot apart in the trenches, covering with 4 inches of soil. After the plants appear, gradually fill in the manure in the fall and give a coating of salt every spring. 1 oz. produces about 500 plants.

	pkt.	per oz.	per 2 oz.	per ¼ lb.	per lb.
Large Giant (Mammoth), one of the best varieties, large and productive; strong two-year old plants, $2 per hundred	*Seed*	5c.	10c.	15c.	20c. 60c.
Connover's Colossal, a very large, productive and distinct variety; strong two-year old plants, $2 per hundred	*Seed*	5	10	15	20 60
Palmetto.—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive and of the very best quality		5	15	25	40 $1.50

We always have on hand a large supply of strong Asparagus Plants.

BEANS — BUSH, DWARF, SNAP OR STRING

Culture.—Plant as soon as danger from frost is past, in light, warm soil, in drills about two feet apart, three inches apart in the drill, or in hills three to four feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

GREEN PODDED VARIETIES

Henderson's Bush Lima.—While it cannot be said that this Bean equals in size and quality the Improved Large Pole Lima, yet for convenience and practical use in the home garden it is a really good thing and deserves a permanent place among the Garden Beans in our catalogue. It grows without the aid of poles, in compact bush form about 18 inches high, and is very early. It produces a continuous crop from the time it comes into bearing until frost, and being enormously productive, a small patch will keep a family supplied with this splendid vegetable through the season. Per pkt. 5c., lb. 25c., qt. (2 lbs.) 50c., 5 lbs. $1.25.

BURPEE'S BUSH LIMA comes absolutely true from seed. Per pkt. 10c.; pint 30c.; 5 lbs. $1.50, peck $4.00.

	pkt.	per lb.	per qt. (2 lbs.)	per peck (15 lbs.)
Simmers' Canadian Wonder, very large pods, often measuring ten inches in length, good bearer, exceedingly tender when cooked	5c.	20c.	40c.	$2.00
Early China, red eye, a well-known and prolific sort, very tender	5c.	15c.	25c.	$1 50
——**Mohawk,** very hardy and prolific, also very early; good string bean	5	15	25	1 50
——**Yellow, or Six Weeks,** early, hardy, and most prolific variety, a good reliable cropper	5	15	25	1 50
——**Refugee, or 1,000 to One,** solid podded, excellent and prolific, much used for canning	5	15	25	1 50
——**Valentine, round podded,** early, tender and prolific, good for a string bean or pickling	5	15	25	1 50
——**Large White Marrowfat,** extensively grown for sale as a dry bean for winter use, excellent either when green in pods or dry	5	10	20	1 00
White Kidney, or Royal Dwarf, a superior variety for baking, is also excellent when green in pods.	5	15	25	1 25

BEANS—WAX-PODDED VARIETIES

SIMMERS' EARLY GIANT WAX, OR BUTTER. This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt. 5c., lb. 20c., qt. (2 lbs.) 35c., peck, (15 lbs.) $2.25.

Wardwell's Kidney Wax. One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, of fine buttery flavor, and a heavy yielder. Per pkt. 5c., pt. 20c., qt. 35c., pk. $2.25.

Detroit Wax. Very hardy and productive, pods straight, flat, but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but when well grown and fit for use they are of a beautiful golden Wax color and of the finest texture. We think this variety is *absolutely* rust-proof. Per pkt. 5c., lb. 20c., qt. (2 lbs.) 40c., pk. $2.00.

Giant Yosemite Wax. The pods of this monster bean average 10 to 14 inches in length, are nearly all **solid pulp and absolutely stringless,** cooking tender and delicious. In color they are of a rich golden yellow, the plant is a vigorous grower, is enormously productive and if the pods are kept closely picked, new ones will constantly be produced. A very desirable variety. Pkt. 5c., pint 30c., quart 60c., by mail, postpaid.

Early Golden Wax or Butter, a variety with yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt. 5c., lb. 15c., qt. (2 lbs.) 30c., peck (15 lbs.) $1.75.

Early Black-seeded, Wax or Butter, with almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Per pkt. 5c., lb 15c., qt. (2 lbs.) 25c., peck (15 lbs.) $1.75.

Early White-seeded, Wax or Butter. A variety with wax like pods similar to the Black Wax, except in the color of the seed. Per pkt. 5c., lb. 15c., qt. (2 lbs.) 25c., peck (15 lbs.) $2.

Early Crystal White Wax. Transparent pods, stringless, good flavor, seed white. Per pkt. 5c., lb. 20c., qt. (2 lbs.) 40c., peck (15 lbs.) $2.

Cylinder Ivory Pod Wax Bean. This is without doubt the most productive and handsome of all Wax Beans yet known. Price per pkt. 10c., lb. 40c., qt. 60c., 5 lbs. $1.50.

Simmers' Giant Dwarf Wax or Butter Beans, the standard variety for table use.

Golden Champion.

Pole Beans

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured, sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans to hill; eyes downward, afterwards thin to 3 plants in a hill. Set poles 8 to 10 feet long before planting seed.

"Golden Champion." This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than any other variety, being fit to pick on July 24th of last year. The pods are enormous, resembling the Giant Yosemite Wax in size and form; color light yellow. They are absolutely stringless and cook tender. The Golden Champion was the only Wax Pole Bean that did not rust or spot badly last summer. Every garden should contain the Golden Champion. *(See Cut).* Per pkt. 10c., pt. 30c., qt. 60c., 5 lbs. $1.20, peck $3.00.

Lazy Wife. Large pale green pods; very thick meated; stringless; rich, tender and buttery; ripens early; clings well to the pole; enormously productive; splendid either as a snap or shell bean; retains its exquisite flavor until nearly ripe (*see cut*). Pkt. 5c., lb. 30c., 5 lbs. $1.20, peck $3.50.

Golden Andalusia Wax. The pods are five or six inches long, broad, thick, very fleshy and *entirely stringless, surpasses all other varieties* in these respects, and retains these important qualities until almost ripe. The pods when fully grown are from 5 to 6 inches long, exceedingly rich, buttery and fine flavored when cooked. Pkt. 10c., lb. 40c.

Giant Wax, or Butter, pods 6 to 9 inches long, clear, waxy yellow, thick, fleshy, prolific and tender when full grown. Pkt. 5c., lb. 30c., qt. 50c., 5 lbs. $1.20, pk. $3.00.

Asparagus, or Yard Long, pods 9 to 12 inches, quite thin and tender, very prolific. Pkt. 10c., lb. 50c., qt. 90c., 5 lbs. $2.25, pk. $6.00.

Lazy Wife's Pole Bean.

Early Dutch Case Knife, very productive, excellent whether used when green or shelled dry. Pkt. 5c., lb. 20c., qt. 40c., 5 lbs. $1.00, pk. $2.50.

Improved Large Lima, unsurpassed, and universally grown for private use, very early and tender. Pkt. 5c., lb. 25c., qt. 50c., 5 lbs. $1.20, pk. $3.00.

Giant White Runner, a white-seeded variety of Scarlet Runner, but earlier and more prolific, producing immense pods in great abundance. Pkt. 5c., lb. 25c., qt. 50c., 5 lbs. $1.00, pk. $2.50.

Scarlet Runner, a favorite sort, cultivated for the beauty of its flowers as well as for culinary uses, grows to the height of 9 or 10 feet, presenting dazzling scarlet flowers. Pkt. 5c., lb. 25c., qt. 50c., 5 lbs. $1.00, pk. $2.50.

Tasmanian Mammoth, pods of an extraordinary length, nearly three feet, the thickness of an ordinary lead pencil, quite stringless and tender when half ripe, and of pleasant flavor when cooked, a great curiosity, and very prolific. Pkt. 10c., lb. $1.00.

Blue Podded Giant Marrow, of most vigorous growth, producing pods about 10 inches in length in clusters; perfectly stringless, of a purplish-blue color, and most lucious when cooked, a very prolific variety. Pkt. 5c., lb. 40c., qt. 75c., 5 lbs. $1.75, pk. $3.50.

BEANS—English or Broad

(N.B.—*One pound of Beans is equal to about one pint, and will plant about 50 feet of drill.*)

CULTURE.—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart, and cover 2 inches deep. Pinch the tops off the stems when in flower, which checks the growth and causes the pods to fill better. They thrive best in rich, moist soil, with a cool situation.

Early Mazagan, the earliest, very hardy, and bears freely, best adapted to our climate. Pkt. 5c., lb. 20c., qt. 40c., peck $2.00.

Broad Windsor, large, one of the best, and ripens well in our climate, very prolific. Pkt. 5c., lb. 20c., qt. 40c., peck $2.00.

Large Thick, late, but superior to any other in quality for table use. Pkt. 5c., lb. 20c., qt. 40c., peck $2.00.

BORECOLE OR KALE

CULTURE.—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and it would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch, very hardy, one of the best. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c.

Dwarf Curled German Greens, or Sprouts, early and very tender. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c.

Turner's Cottager's, an English variety, producing a heavy crop. It is quite hardy, and of excellent flavor. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c.

Plumage, very curly, producing variegated leaves, suitable for ornamental and bedding purposes, also excellent for table. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c.

Please examine our Collections of Vegetable Seeds on page 2.

BROCCOLI

CULTURE.—Produces heads in autumn like a Cauliflower. Sow about the middle of May, transplant in rich soil and manage as Winter Cabbage. For an early crop the seed should be in a hot bed and cultivated as early Cauliflower. It succeeds in moist seasons, and can be had in perfection in November. The following are the only kinds which will prove successful:—

Early Purple Cape, heads medium size, close and compact, sure to head. Pkt. 10c., oz. 20c., 2 oz. 40c., ¼ lb. 75c.

Walcheren. This is the best variety. It bears large compact heads of a creamy white color and of good flavor, and can be grown where Cauliflower makes an uncertain crop. Pkt. 10c., oz. 50c., 2 oz. 85c., ¼ lb. $1.50.

BRUSSELS SPROUTS

CULTURE.—Although not in general use in this country, this is a most delicious vegetable. The seeds should be sown in March or April in the hot bed, or in the open ground when the weather permits. When the plants are three inches high, they should be transplanted and cultivated the same as cabbages or cauliflowers. The early ones will be ready for the table in September; the later ones, for winter use, should be harvested before cold weather, and stored the same as cabbages or cauliflowers. The small heads which grow along the stem are the eatable parts of this vegetable, and when boiled like cabbage, or stewed with cream like cauliflower, are very tender and delicious. The leaves should be broken down in the Fall to give the little cabbages room to grow.

Large Tall French (Dalmeny), a very fine variety; the sprouts are large and solid, and of delicious flavor. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Improved Dwarf, a standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

☞ We will make special quotations to Market Gardeners and Public Institutions who use seeds in large quantities. ☜

Combine your orders for Seeds, Tools, Fertilizers, and secure the same in one freight shipment at lowest rates.

BEETS

One ounce will sow 100 feet of drill.

CULTURE.—The soil best suited to the Beet is a deep, light, and rich sandy loam. For early beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills twelve to fourteen inches apart, and thinned to ten inches apart in the drills. For winter crops the 1st of June is the right time. Cover one inch deep.

Early Eclipse Beet.

EARLY ECLIPSE, remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet—see illustration, an excellent sort. Pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 75c.

Early Dark Red Flat Egyptian Beet. (The best in cultivation for earliest crop.)

EARLY DARK RED FLAT EGYPTIAN, the earliest dark red Beet in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Per pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 75c.

Dewing's Improved Blood Turnip, roots deep blood, and of fine form and flavor. Per pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 65c.

Early Blood Turnip, good for summer or winter, flesh dark red color, a standard round variety, with small top, very tender. Pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 65c.

Edmand's Early. While not strictly a first early beet it follows very closely and is the most uniform of all Turnip Beets, with very small tops and short foliage of a rich red. The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood-red; the flesh also is dark red and exceedingly sweet and tender. See illustration. Per pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 65c.

Improved Arlington. We offered this improved stock of beet last season, and we doubt if there is anything that has given more general satisfaction. It is of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not become bitter and stringy when it is a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand table beet. Per pkt. 5c., per oz. 10c., per 2 oz. 15c., per ¼ lb. 25c., per lb. 75c.

Early Bassano Flat Red, very clear, tender and sweet, rose color, grows to a good size. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 65c.

COLUMBIA BEET. This distinct new Beet is well represented in the illustration, which was carefully produced from nature. The roots are of a handsome turnip shape, with smooth, clean skin, and deep blood-red flesh, of finest quality. It is ready to use very early, growing as quickly as does the Egyptian, while it does not become coarse and stringy, as does that variety when of large size. Compared with such famous sorts as *Edmand's* and *Eclipse* Beets it has proved earlier than either and even better in quality than these two really first-class varieties. In habit of growth it is remarkably thoroughbred, the tops being small, neat, and of a rich bronzy color. We are sure that market gardeners will find it a valuable variety, while its fine quality as a table Beet will delight all private planters. Per pkt. 10c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Edmand's Early Beet.

Whyte's Very Dark Blood Red Beet.

Whyte's Very Deep Long Blood Red, very choice and long, best for market. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Half Long Deep Dark Blood Red, the best for family use, tender, sweet, not requiring to be cut in two for boiling. Per pkt. 5c., oz. 10c, 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Extra Long Smooth Deep Blood Red, the most popular kind for general use, keeps well. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Dell's Black or Crimson Leaved Beet, both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep dark metallic lustre. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.

Silver Beet or Swiss Chard, sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for "Spinach," the mid rib is used and served as Asparagus. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

CARDOON

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in form of Spinach. Sow early in May, in rows two and a half feet apart, and thin the plants out to one foot in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish. Per pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. $1, lb. $3.50.

CRESS

Or Pepper Grass

1 ounce will sow about 15 square feet.

CULTURE.—Sow thickly in shallow drills, very early in spring, and every two weeks throughout the season, give occasional waterings. Two oz. will sow ten ft. square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

Upland Cress.—A first-class new variety.

EXTRA CURLED, standard sort, very fine for salads, may be cut two or three times. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 50c.

Broad Leaved, a large-leaved variety, fine piquant flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 50c.

Golden Yellow, a pretty looking variety. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Upland Cress. (*Barbarea Vulgaris.*) Grown as Spinach and used exactly as Water Cress. It so much resembles Water Cress in taste that the difference is scarcely discernible, and its use should become more general, as it is of as easy culture as Spinach; indeed, easier, for it is a perennial plant, and can be grown easily for two years without resowing and it yields enormous crops. Per pkt. 10c., oz. $1.50.

True Water, a well-known hardy perennial aquatic plant, growing abundantly along the margin of running streams. Per pkt. 10c., oz. 50c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00.

CORN SALAD—Lamb's Lettuce (or Fetticus)

CULTURE.—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during winter and early spring for salads, and is most excellent as such.

Price per pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

Simmers' Selected Stock Cabbage Seeds

For Cabbage Plants see End of Vegetable List

One ounce will produce about 3,000 plants.

CULTURE.—For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well prepared, rich ground, from the 10th to the 25th September. Cabbage succeeds best in a fresh, rich soil, well manured and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood ashes, air-slacked lime, plaster, *Slug-Shot* (which is the cheapest remedy and most effectual), or tobacco dust early in the morning while the plants are wet with dew.

SIMMERS' EARLY GERMAN BRUNSWICK, a second early variety, short stemmed, solid, large light green flat heads, similar but rather superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 70c. lb. $2.50.

BURPEE'S ALL-HEAD EARLY.—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of Early Summer Cabbage, and is fully one-third larger and therefore much more profitable to the market gardener. It is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 80c., lb. $3.00.

Extra Early "Express," from 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller, heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Per pkt. 5c., oz. 30c., 2 oz. 60c., ¼ lb. $1.00, lb. $3.50.

Burpee's All-Head Cabbage.

Henderson's Early Summer, a standard early variety, much used by market gardeners, heads large, solid, and nearly globe-shaped, rarely or never bursts when fully matured. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Henderson's Succession.—Handsome, large, and a sure header. The Succession is about one week later than the early summer, but is double the size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Per pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3.00.

Early French Oxheart, a leading variety among the market gardeners, heads very early, tender and of fine flavor, our seed is selected from extra fine stock. Per pkt. 5c, oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

All Seasons.—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Per pkt. 5c., oz. 30c., 2 oz. 60c., ¼ lb. 80c., lb. $3.00.

EXTRA EARLY ETAMPES, a very early sort, producing medium-sized heads very sharpely pointed. It grows quickly, is mild-flavored, and for private gardens a desirable sort. Per pkt. 5c., oz. 30c., 2 oz 60c., ¼ lb. $1.00, lb. $3.00.

SELECTED EARLY JERSEY WAKEFIELD, one of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Per pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3.00.

POTTLER'S IMPROVED BRUNSWICK DRUMHEAD (American). Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 70c., lb. $2.50.

Surehead.—One of the surest headers and best main crop cabbages. The heads are round, flat on the top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort, superior in many respects to the popular Premium and late Flat Dutch varieties. Per pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3.00.

Bismarck Cabbage, solid, heavy and of quick growth. Per pkt. 5c., oz. 35c., 2 oz. 65c., ¼ lb. $1.25, lb. $4.00.

Henderson's Early Summer Cabbage- The best in cultivation for earliest crop.

COLLINGWOOD, March 21, '93.
I have been getting seeds from you for over 20 years, and I find your seeds grow. J. W. BRUNDAGE.

Simmers' Early German Brunswick Cabbage. Best for general crop.

Selected Jersey Wakefield and Henderson's Early Summer Cabbage are the most profitable for early use.

Selected Early Jersey Wakefield Cabbage.

Vandergaw Cabbage.

Mammoth Rock Red Cabbage.

Premium Flat Dutch Cabbage.

Early Filderkraut Cabbage.

CABBAGE—Continued

For Cabbage Plants see Plant List at End of Vegetables.

VANDERGAW CABBAGE. This, for a mid-summer and a late cabbage, is without a rival. It is a medium late cabbage. Large green heads, hard, and of remarkable excellence ; tender, crisp and delicious, and the most reliable header in existence. Per pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3.00.

EARLY PREMIUM FLAT DUTCH, one of the very best varieties to keep, large heads. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2 50.

Early Filderkraut. This variety somewhat resembles the Winningstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Early French Large York. A superior, early-heading, robust sort which makes large heads that do not quickly split open. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Early Schweinfurt Quintal, a remarkable and valuable variety, both for earliness and commendable both for summer and winter use, very large heads. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Early Winningstadt, pointed head, for summer and winter use, very sound, quality first-rate, sure to head on all soils, desirable for private gardens. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Late Marblehead Mammoth, the largest known sort, solid, tender and free heading winter variety and with good culture averages 30 lbs. per head (American grown seed). Per pkt. 5c., oz. 35c., 2 oz. 60c., ¼ lb. $1, lb. $3 50.

Late French St. Denis, flat heads, very solid and heavy, one of the most profitable sorts for winter, keeps well all winter. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 80c., lb. $3.00.

Late Large French Quintal, one of the largest and most solid kinds known, flat heads, keeping well in winter. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 80c., lb. $3 00.

Late Large Drumhead. heads large and solid, good for general crop, and of fine quality. Per pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

Late Flat Dutch, short stem and large, solid, flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is in the market. Per pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

Early Winningstadt Cabbage.

Improved Large American Drumhead Savoy.

RED CABBAGE

Extra Early Red Dutch Erfurt, extra fine, heads quickly, and of a very dark blood-red color, valuable for pickling ; when early pickles are desired this sort should be sown. Per pkt. 5c , oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Large Late Deep Red Dutch Drumhead, for pickling, solid, and of deep blood-red color, heads very hard and solid. Per pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

Mammoth Rock Red. The Mammoth Rock Red is a large-growing and selected strain of late red cabbage, the heads will average 12 lbs. each. Per pkt. 5c., oz. 35c., 2 oz. 65c., ¼ lb. $1.25, lb. $4.00.

CHEAP CABBAGE SEED is the poorest investment in the world ; the failure can never be known until an entire season's labor and outlay is lost. **OUR SEED is grown from selected heads and saved from centre shoots.**

SAVOY CABBAGE

SAVOY Improved Large American Drumhead, the largest heading sort, of excellent flavor short stock, compact grower, and an excellent keeper. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb $2.00.

SAVOY, Large German Drumhead, a large headed Savoy Cabbage, very tender and fine flavored. A good winter variety. Per pkt. 5c., oz. 25c.. 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

SAVOY, Largest French Drumhead, heads very large, less curly than the preceding, but solid and heavy and a good keeping variety. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 60c., lb. $2.00.

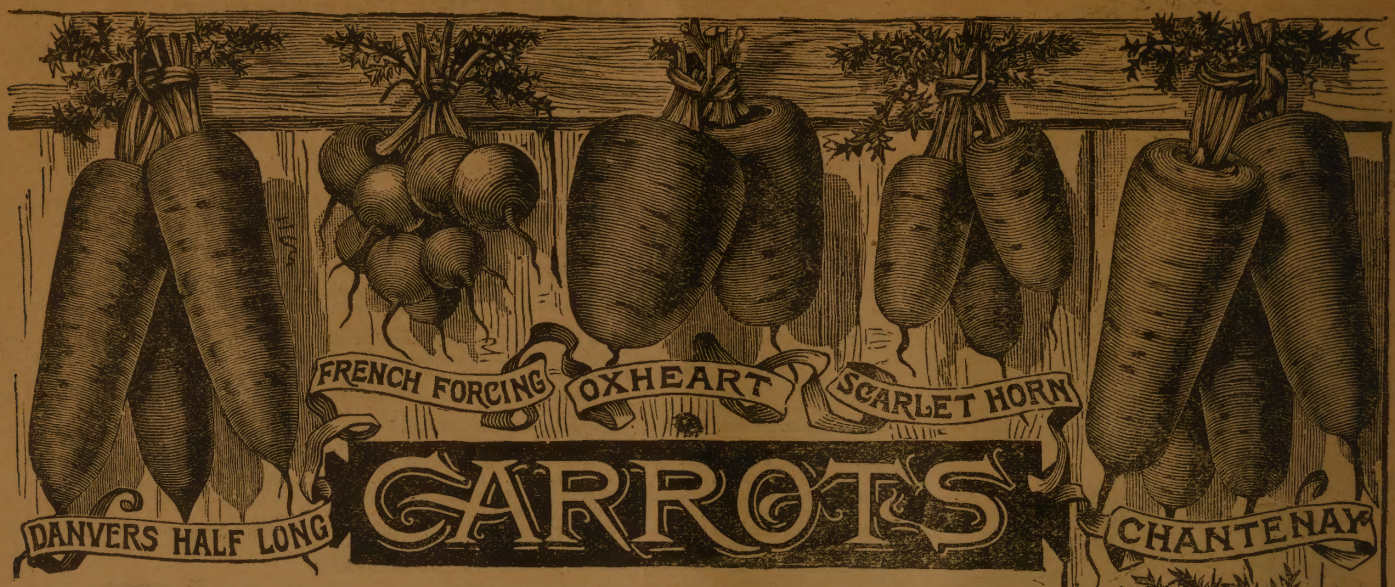
Simmers' Perfection Drumhead Savoy Cabbage, heads large and very finely curled, short stalk and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy, Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., b. $2.00.

SAVOY, Dwarf Ulm, (choice), head firm but small, very crisp, curly and fine flavored. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

ORDER EARLY

Please order as soon after you get this Catalogue as possible, and then you will have your seed at hand for planting when wanted, and if you want heavy seeds in large quantities they can be sent by freight very cheaply.

Simmers' Perfection Drumhead Savoy.



SIMMERS' CARROT SEED

One ounce of Seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE.—The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 15 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the Horse Cultivator. As carrot seed is slow to germinate, all precautions must be taken.

Oxheart or Half-Long Guerande. (*Stump rooted.*) This is one of the most valuable of all recent introductions, either for family use or market. Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 40c., lb. $1.25.

Early English Horn, or Half-Long Scarlet Carrot, very fine and sweet, pointed rooted. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

—**Dutch, French or Scarlet Horn,** stump-rooted, one of the most popular varieties grown: fine grained and good flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

—**Scarlet Intermediate** (stump-rooted). This variety is more largely grown for Toronto market than any other; it is intermediate in size, smooth in skin and rich in color. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb $1.00.

—**Scarlet Nantes,** half-long, stump-rooted, a very fine variety, sweet and much prized for table use, free from any hard core. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

Early Chantenay, Half-Long Scarlet, stump-rooted variety, resembling the Nantes, having larger shoulders and being much more productive; fine deep scarlet color. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

—**Very Short Scarlet, or Golden Ball,** French forcing, the earliest variety, almost as round as turnip radishes and very sweet; ready for use about five weeks after sowing. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 40c., lb. $1.25.

Improved Danver's Half Long. A first-class carrot for all soils; in form midway between the Long Orange and Short Horn. The root is of a rich, dark orange color and grows very smooth and handsome; twenty to thirty tons per acre being no unusual crop. Pkt 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1, postpaid.

Large Red Altringham, large and fine flavored, grown for stock-feeding purposes. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

Improved Long Orange, the well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Simmers' Giant Short White Vosges.

This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White Vosges can be pulled. Flesh and skin are white, and it is considered by those who have grown it, much better in quality than any other white variety. Per pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

For Field varieties of Carrots, see Agricultural Seeds further on.

☞ Please note that all the foregoing varieties of Carrot Seeds are cleanly rubbed and fit to be sown without difficulty through any ordinary seed drilling machine, which in Carrot Seed is an important item.

IT PAYS TO USE

Nitrate of Soda

On the Vegetable Garden

Send Ten Cents for Harris' Essay on Nitrate of Soda. Gives full description of its use on all kinds of Vegetables.

DUNNVILLE, April 1st.

I received your Catalogue, and in answer would say I have used your seeds for thirty-five years, sometimes sending in my own name and sometimes with a neighbor.

JOSEPH MUMBY, SR.

Try the latest and best—The New Model Seed Drill—Price $9.00. Coated and carefully packed for shipment, weight about 40 pounds.

☞ Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming (what we think is the fact) that we will rectify it. ☜

Liberal Premiums on all Seeds in Packets.—To induce our patrons to form Clubs to purchase SEEDS in quantity, we will offer the following LIBERAL DISCOUNTS on all Seeds in packets:

Purchasers remitting	$1.00	may select Seeds in packets amounting to					$1.15
"	"	2.00	"	"	"	"	2.35
"	"	3.00	"	"	"	"	3.60
"	"	4.00	"	"	"	"	4.80
"	"	5.00	"	"	"	"	6.00

The above discounts apply to Seeds IN PACKETS ONLY, but do not apply to ounces, pounds, etc.

Simmers' Cauliflower

One ounce of seed will produce about 3,000 plants.
For plants of Cauliflower, Cabbage, etc., see in Plant List.

CULTURE—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil, and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflowers can be grown well. Frequent and vigorous hoeing and a liberal supply of rich, liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbage will answer for this crop.

The Best Cauliflower for all Growers

Specimen of the Famous Early Demi-Dur Cauliflower.
(SIMMERS' SELECTED PRIVATE STRAIN.)

"The Cauliflower" (by Crozier), a very useful book on the subject. **Price $1.00.**

Simmers' Gilt Edge. An experience of six years with this strain enables us to claim for it the distinction of being *the very best and surest of all.* We say positively that it is so *without any exception.* It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Per pkt. 25c., ½ oz. $2.25, oz. $4.00.

Early Demi-Dur or Half Early Paris, best for general crop and sure to head, valuable for market gardeners **(extra selected private strain of seed).** Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Extra Early Paris, earliest and sure to head, good for forcing. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Early Snowball, the earliest and most reliable in heading, of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt. 25c., ½ oz. $2.00, oz. $3.50, 2 oz. $6.50, ¼ lb. $12.00.

Simmers' Extra Selected Early Dwarf Erfurt, one of the earliest heading varieties in cultivation, small leaved for forcing or open ground; of low growth (extra superior quality of German Seed). Per pkt. 25c., ½ oz. $1.75, oz. $3.00, 2 oz. $5.50, ¼ lb. $10.00.

Early Dwarf Erfurt, a favorite early market variety; very productive, with large, compact, white heads, of good quality. Per pkt. 20c., ½ oz. $1.25, oz. $2.00, 2 oz. $3.50, ¼ lb. $6.50.

Early Large Erfurt Market, an early, large and very fine German variety; well suited for this climate. Per pkt. 20c., ½ oz. $1.25, oz. $2.00, 2 oz. $3.50, ¼ lb. $6.50.

New Succession. This variety is useful for a succession of crop, heading after **Demi-Dur**. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Late Large Le Normand's short stemmed, produces a very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.

Late Italian or Autumn Giant, attaining enormous dimensions; heads beautifully white, large, firm and compact, and being protected by the foliage, remain long fit for use. Per pkt. 10c., ½ oz. 35c., oz. 60c., 2 oz. $1, ¼ lb. $2.

Large Late Algiers, an excellent favorite late variety. In Cauliflower-growing districts enormous quantities of this variety are annually grown. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00, lb. $10.00.

Le Normand Cauliflower.

Simmers' Gilt Edge Cauliflower.

The surest header, the most profitable, the best variety for either market or family gardens.

The Cauliflower Seeds sold by us are of the most reliable stock obtainable, and confidently recommended to our customers as genuine and true to name. No seed is more important than this, as every gardener knows. It is one of the seeds which, in buying, PRICE should never be questioned.

Endive—Moss Curled.

Endive—Ger., *Endivien;* Fr., *Chicoree.*

CULTURE.—For early use sow thinly in May, in drills 1 foot apart, and for a succession, every 2 or 3 weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top with yarn, matting, or a soft fibrous material, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle), is chiefly used in soups. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $2.50.

Early Green, or French Moss Curled, very tender, hardy, leaves dark green and crisp. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $2.50.

Chives—German, *Schnittlauch.*

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil, they will grow readily and in time increase so as to render a division necessary. The tops appear very early in spring, and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Roots, per bunch 25c., postpaid. **Seed** of the above, per pkt. 10c.

CURLED CHERVIL—*Cerfeuil* (French).

CULTURE.—A very rich herb, similar in growth and flavor to Parsley and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are given under the head of Parsley.

Curled, extra fine quality. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., 1 lb. $2.

CHICORY—*Caffefwurzel.*

Large Rooted Magdeburgh.—Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

WE WANT YOUR TRADE, and therefore mail you this Catalogue. Please look it through and see if it will not be to your advantage to give us at least a trial order.

Paris Golden Self-Blanching Celery.

Simmers' Large Ribbed Dwarf White Celery, the best in cultivation for market gardeners and private gardens.

SPECIAL OFFER—ONE PKT. OF EACH OF THE THREE VARIETIES ILLUSTRATED ABOVE FOR 15 CTS.

SIMMERS' CELERY

FOR CELERY PLANTS SEE END OF VEGETABLE LIST.

One ounce will sow a bed of nine square yards, and produce about 2,500 plants.

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet, and the taller sorts 4 feet between the rows, plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling;" after the soil has been drawn up with the hoe, it is drawn closer round each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Paris Golden Yellow Dwarf or Self-Blanching Large Solid. The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. No variety can surpass, if indeed equal, the Paris Golden Yellow in striking appearance and delicious flavor. Per pkt. 10c, 1 oz. 60c., 2 oz. $1.00, ¼ lb. $1.75, lb. $6.00.

The Golden-Hearted Dwarf Celery.

Simmers' Large Ribbed Dwarf White, solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Per pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

The White Plume, leaves somewhat like an ostrich feather, requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Per pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1 00, lb. $3.00.

Golden Hearted Dwarf, an excellent Dwarf White variety, with fine nutty flavor, growing to a large size, and keeping splendid all winter. Per pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3 00.

Sandringham, or Prince of Wales Dwarf White, an excellent dwarf-growing, very solid and crisp variety, obtained direct from the grower, therefore true. Per pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Parson's Russian Princess, an English variety, obtained direct from the raiser, of very compact habit, crisp and of a beautiful nutty flavor. Per pkt. 5c., 1 oz. 20c., 2 oz. 35c., lb. 60c., ¼ lb. $2.00

Ivery's Nonsuch, a fine dwarf early red variety, remarkably solid and crisp, and of a fine walnut flavor. Per pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

New "Giant Pascal." It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp, and entirely stringless; the width and thickness of the stalks are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Per pkt 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00

New Rose. Without doubt the finest of its class. The color is a beautiful shade of rose, of exceptionally fine flavor, solid, crisp and entirely free from stringiness. A splendid variety for late use, keeping well. Per pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.50.

Seymour's White Giant, a good, very large variety, clear white, solid and crisp Per pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

White Solid, best for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c. lb. $2.00.

Carter's Incomparable Dwarf Crimson, keeps well, and is of a fine nutty flavor. Per pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Turner's Incomparable, choice, pkt. 5c. 1 oz. 20c. 2 oz. 35c. ¼ lb. 60c. lb. $2.00

Erfurt Giant, Turnip-Rooted, or Celeriac, best variety grown, very good flavor. Pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Soup, or Flavoring Celery, pkt. 5c., 1 oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb 50c.

OUR TOOLS—We combine with our seeds the most complete list of *Garden Tools* kept in the country, and at bottom prices.

APRIL 16TH, 1893.

DEAR SIR,

Received package safely the 14th. Many thanks for complimentary package.

Yours truly,

GEO. BARCLAY.

Ne Plus Ultra, or Shoe Peg.

SIMMERS' SWEET CORN—For Table Use

One pound will plant about 100 hills; one peck, one acre in hills.

CULTURE.—The Sweet or Sugar varieties being liable to rot in cold or wet grounds should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row, and 2½ feet between the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

N.B.—When ordered in the ear by mail, we shell it for convenience in packing. Special quotations given to canners and others requiring corn in quantity. SINGLE EARS OF ANY VARIETY 5 CENTS EACH.

EARLY VARIETIES

Nonesuch Sugar Corn. No lover of delicious Sugar Corn can afford to miss it. Sure to please the most exacting customer. Medium early, wonderfully productive, but, above all, of the finest flavor. Per pkt. 5c., pint 15c., quart 25c., 5 lbs. 60c., 15 lbs. $1.75.

The Cory Corn, an excellent sort, very sweet and of rich flavor; desirable for private or market gardens, as it adds to its good qualities that of being an extra early Sweet Corn. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Early White Cory. A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt. 5c., pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Early Minnesota, one of the best early varieties, dwarf habit and good quality. Per pkt. 5c., lb. or pt 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.50.

Early Crosby Sweet, one of the largest early varieties, with rich sugary flavor, very productive. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Adam's Early, one of the earliest, very sweet. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.50.

Black Mexican Sweet, a black grained variety, sweet and tender, must be picked young to avoid a black appearance when cooked. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Marblehead, Extra Early Sugar, two weeks earlier than any variety (except Cory), very sweet, and splendid for market gardeners and private gardens. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.50.

MEDIUM EARLY VARIETIES

Perry's Hybrid Sugar, a most desirable variety of Sugar Corn, second early, with large ears, white, deliciously sweet and tender. Our stock for 1894 is selected and grown by Mr. Perry himself. Per pkt. 5c., lb. or pint, 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Triumph, said to be the earliest of the large varieties, flavor rich and sweet, largely grown as a market sort. Per pkt. 5c., pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Honey Sweet. Nothing we have ever introduced has elicited from both market and family gardeners such enthusiastic praise in all parts of the country. It is a most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Per pkt. 5c., pt. 20c., qt. 35c., 5 lbs. 80c., 15 lbs. $2.25.

Early Moore's Concord Sweet, one of the largest varieties. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Ne Plus Ultra, or Shoe Peg Sweet. This very excellent new and distinct variety is the sweetest and choicest sort grown. The above cut is an is an exact representation of an ear from Nature. Per pkt. 5c., pt. 15c., qt. 25c., 5 lbs 60c., 15 lbs. $1.75.

LATE VARIETIES

Gold Coin. Remarkably distinct and handsome. It is very productive, yielding two mammoth ears to the stalk. The cob is snowy white, covered with large yellow grains. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

STOWELL'S EVERGREEN, Sweet or Sugar, large ears, ripening late and most delicious. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Henderson's Red Cob Evergreen Sweet. This valuable variety, "Henderson's Red Cob Evergreen," is a sport from the "Stowell's," which has long been the standard and favorite in all parts of the country. This new variety is destined to eclipse in popularity its famous parent, it being *a week to ten days earlier* and is *enormously productive*, bearing three to four ears to a stalk; the ears are set low on the stalks, and are very thick and regular in size—16 rowed—very deep and of the *most delicious quality*, remaining tender and milky for a long time. This variety is very distinct when in the dry state, both kernels and cob being of a deep red color. Per pkt. 5c., pt. 20c., qt. 35c., 5 lbs. 80c., 15 lbs. $2.25.

Egyptian Sweet, or Washington Market, a fine large variety, somewhat resembling the evergreen, flavor particularly rich and sweet, and of superior quality. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

The Mammoth Sweet, an excellent variety, producing unusually large and perfect ears. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.75.

Tuscarora White, this is a late variety, with large ears and flour white kernels. Per pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 50c., 15 lbs. $1.45.

POP CORN

Pearl, smooth-grained ears. Pkt. 5c., lb. or pt. 15c., qt. 25c., 5 lbs. 50c., 15 lbs. $1.50.

White Rice, a very early fine white variety, kernel pointed. Per pkt. 5c., lb. 15c., qt. 25c., 5 lbs. 60c., 15 lbs. $1.50.

Our Sugar Corn is of the very finest quality, each variety being carefully kept, pure and all well cured. We invite correspondence with canning establishments requiring large quantities.

The Corns illustrated are the standard varieties with most experienced growers.

NICOLSTON, March 14th, 1893.

DEAR SIR:—The seeds arrived all safe and in good order. Your seeds gave splendid satisfaction last year. Please accept my thanks for complimentary packages and prompt attention.

Yours respectfully,

MRS. WM. J. J. IRWIN.

KUTAWA, March 21st, 1893.

DEAR SIR:—All of the thirty different seeds I got from you last year did well. Yours truly, H. A. CARRUTHERS.

WIARTON, April 3rd, 1893.

DEAR SIR:—Your vegetable seeds gave good satisfaction. Customers were all well pleased with the plants they bought of me last season.

MRS. ALEX. GIBSON.

The "Cory" Extra Early Sweet Corn

Stowell's Evergreen Late Sugar Corn

Our Cucumber Seed is Carefully selected Stock Seed, pure and true to name

Cucumber

One ounce will plant 60 hills; two pounds will plant one acre

FOR OPEN AIR CULTURE.—For early use sow as early as possible, in hot-beds, one hill with three plants in each sash. For the open ground sow in May in hills four or five feet apart each way, on very rich ground. Dig out four or five spadefuls of earth on the spot where you intend to plant the seed, and fill in some half rotten manure, which cover up some three or four inches high with some of the earth dug out. Three or four plants should be allowed to each hill. As the seed is apt to rot if the weather after sowing it turns wet and chilly, it is advisable to sprout the seed before sowing it, in a small bowl, mixed with moistened sawdust, and placed under a stove for a few days; but it is necessary to keep the sawdust continually moist.

CUCUMBER.—New Japanese Climbing. For description see novelties. Per. pkt. 10c.

Simmers' Improved Long Green, the best for general crop, fine long fruit, firm and crisp. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Long Green, a leading variety of excellent quality, dark green, firm and crisp. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Improved Early White Spine, very desirable for general crop, and largely used by market gardeners. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c, lb. $1.

Early Cluster, a short prickly variety, bearing in clusters and very prolific. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Frame, an old and popular variety of medium size, straight and handsome. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb 25c., lb. 90c.

Westerfield's Chicago Pickling, a variety which has for some time past been controlled and almost exclusively used by the largest pickling houses of Chicago in the manufacture of their celebrated pickles. It is exceedingly prolific, bearing small, well-formed fruit, covered with spines and of an unusually deep green. Pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

Livingston's Evergreen, this new sort is one worthy of special notice by all desiring to try a good new cucumber, and is described as follows:—The New Evergreen is very *hardy* and *evergreen*, withstanding drouth and bearing until frost. It bears four to one compared with standard sorts. A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Per pkt. 10c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Green Prolific, most suitable for pickling, of uniform size, yields 200,000 per acre. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Short Prickly, very prolific and short. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 90c.

Nichol's Medium Green. As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. 5c. pkt., 10c. oz., 20c. 2 oz., 30c. ¼ lb., $1.00 lb.

Siberian. This has proved to be the earliest sort in cultivation, producing Cucumbers 5 inches long in about 8 weeks. It is very productive and valuable for forcing. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Boston Pickling, one of the best for pickling, uniform size. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Russian Gherkin, producing fruit three to four inches long, in great abundance and in a very short time; superior to any other; flavor good. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Livingston's Evergreen Cucumber.

The Pride of Canada, for forcing and outdoor culture, fine flavored fruit of snow white texture, great length, containing but few seeds. Per pkt. 10c., oz. 50c., ¼ lb. $1.50.

Giant Pera, a long, smooth, straight, dark green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Swan's Neck, growing to nearly 40 inches in length, outdoors or under glass, good flavor. 10c. per pkt., $1.50 per oz.

Green Eel, smooth, very evenly shaped, of considerable length, good for forcing and outdoors. Per pkt. 10c., oz. $1 00.

West India Gherkin or Burr, used only for pickling. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Moromian Gherkin, the earliest for pickling purposes grown. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Choice English Sorts for Hot-Beds or Green House

The Model, a very choice variety of recent introduction, producing handsome cucumbers of wonderful size. Per pkt. 25c.

Prince of Wales, smooth, fine bearer, and proved to be the best for forcing. Per pkt. 25c., ½ oz. $5.00.

Blue Gown, a very fine, black spined variety, from 18 to 24 inches long, smooth. Pkt. 25c., oz. $3.00.

Marquis of Lorne, a highly esteemed variety, of handsome form and fine flavor, 24 to 30 inches long. Per pkt. 25c., ½ oz. $3.00.

Rollison's Telegraph, very prolific early, crisp and of superior quality. Per pkt. 25c., ½ oz. $3.00.

Sion House, a variety of extra length and fine flavor, preferred to any other. Per pkt. 25c., ½ oz. $3.00.

A Mixture of the foregoing English sorts, highly recommended for forcing or outdoors. Per pkt. 10c., ¼ oz. $2.50.

Garlic

German, *Knoblauch*; **French,** *Ail*—Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well enriched soil; the sets should be planted in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

Garlic Sets, per oz. 5c., lb. 30c. (Special prices for 5 lb. lots.)

Horse Radish Roots

Roots (good strong ones) ready for sale at any time. 15c. each, $1.50 dozen.

Egg Plant

One ounce will produce about 1000 plants.

CULTURE.—Sow in a hot-bed for early crops; or very early in the spring in shallow drills in a warm, sheltered dry situation, in the open ground and where they can be protected by hand glasses. Transplant when the warm weather sets in into well-enriched ground, about twelve inches apart and twenty inches from row to row. The fruit when ripe is sliced, well spiced and fried with ham. It is very savory, and much esteemed by those who are fond of good eating.

The New York Improved Large Purple Egg Plant, very choice, round of deep color, and large fruit. This is the leading market variety everywhere. Plant is robust, the leaves and stems being thickly set with spines which are not found to any extent on the other varieties. Per pkt. 10c., oz. 60c.

Long Purple, best for general use, very hardy, early and productive. Per pkt. 5c., oz. 50c.

Long White, very fine and a highly ornamental variety. Per pkt. 10c., oz. 75c.

Early Purple Dwarf, about 3 to 5 weeks earlier than any other variety. Per pkt. 10c., oz. 50c.

MAYNOOTH, March 25th.

DEAR SIR,

I have got seeds from you for a number of years, and I am well pleased with them.

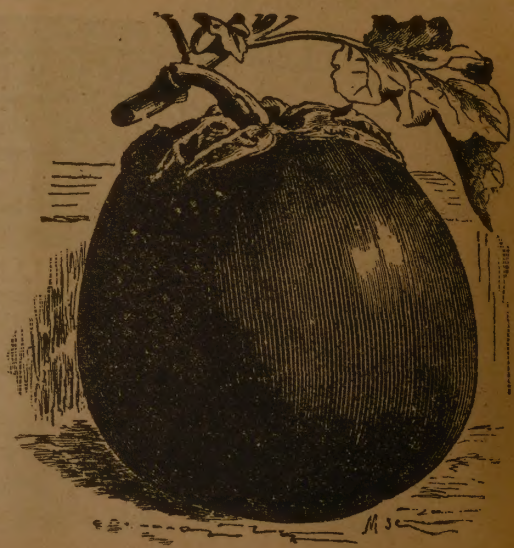
JOHN ANDERSON.

SALTCOATS, March 27, '93.

Your Seeds give me great satisfaction, the best I have tried in this country.

Yours truly,

GEORGE LEGG.



Egg Plant, New York Improved.

LETTUCE

One ounce will sow 100 feet of Drill.

CULTURE.—Lettuce requires a very rich soil and every appliance the skilful cultivator can give, in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hot bed in February. A sowing may be made in the open ground as soon as it can be worked; after this every two weeks until July, if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart into the richest soil. Hoe frequently, and in dry weather water plentifully.

White Paris Cos Lettuce.

SIMMERS' NONPAREIL CABBAGE is crisp, tender and of excellent flavor, and entirely free from bitterness; it is also unusual for size and solidity of head, stands the entire summer heat well. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

The Gardener's Favorite, one of the best heading varieties, suitable either for forcing or outdoor cultivation; heads large and solid. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Toronto Market, a variety of local origin; heads large, very solid and good flavored; color yellowish-green, and suitable for forcing and open-air cultivation. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Grand Rapids. This grand variety has been raised in the vicinity of Grand Rapids for a number of years. It is of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting longer than any other sort. Per pkt. 5c., ½ oz. 20c., oz. 35c., ¼ lb. 60c., lb. $2.00, by mail, postpaid.

Hanson, producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Green Fringed, or California Curled, an early variety of a delicate and peculiar shade of green, the inner part of the leaves white, with edges peculiarly cut and fringed. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Green Curled Silesian, a very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. The leaves are not only tender and of good quality, but also highly ornamental on the table. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb 50c., lb. $1.50.

Simpson's Early Curled Cabbage, the largest early market kind (suitable for forcing). Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

New Cos or Celery Lettuce—Trianon.—This is the favorite class of Lettuces in Europe, and this variety is the very finest of its class. The long narrow leaves which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner. (See cut.) Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

TENNIS BALL, one of the earliest, solid heads, crisp and fine flavored. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Paris Green Cos, hardy and tender, one of the best of the Cos varieties. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Paris White Cos, tender and crisp, should be tied up to ensure blanching. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

DENVER MARKET, an early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of Lettuce now grown. The shape of the head resembles somewhat the "Hanson," but is more oblong. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Imperial Cabbage, stands heat well, and forms a large solid head. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Drumhead, or Maltese Cabbage, best for general crop, heads large, crisp and tender, one of the best summer varieties. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Victoria Red-edged Cabbage, much esteemed, crisp and tender, fine solid heads. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50., lb. $1.50.

Silverball Cabbage. This lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery-white color, very rich, buttery, and of most delicious flavor. It comes early and stands a long while before running to seed. An excellent variety both for early spring and summer use. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3 00

LONGSTANDER BRONZE HEAD. From the reports of many growers we feel fully justified in claiming this to be the *largest, handsomest, most tender and compact in head and longest standing* of any known lettuce; with beautiful golden-bronze color. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Oak-leaved, a peculiar variety on account of its leaves, but very fine for salad, heads are compact, crisp and tender; it is free from that bitter taste peculiar to so many kinds of lettuce. Per pkt. 5c., oz. 50c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.

KOHL RABI

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow through June for succession, in rows 18 inches apart, thinning out to 8 inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distances above named.

Early White Vienna, flesh white and tender, test market sort, excellent for table use. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Early Purple Vienna, similar to the preceding except in color. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

LEEK

One ounce will sow a Drill of about 100 feet

CULTURE.—The Leek is very hardy and easily cultivated; it succeeds best in a light but well enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine leeks are desired the ground can hardly be made too rich.

Large Scotch or Broad Leaved Flag. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Large Musselburgh. Per pkt. 5c., oz. 25c., 2 oz. 50c., ¼ lb. 90c., lb. $3.00.

Special attention is directed to Simmers' Nonpareil Cabbage Lettuce for forcing and open air cultivation.

Simmers' Nonpareil Cabbage Lettuce is the best variety to grow. Price, per packet 5c., per ounce 20c.

Simmers' Nonpareil Cabbage Lettuce.

Large Scotch or Flag Leek

Please take this Catalogue with you when you go by a neighbor's next time. Show it to him and ask him to club with you in sending your order.

(We pay postage on Garden Seeds except where noted.)

Early Hackensack Muskmelon.

The Emerald Gem Muskmelon.

SIMMERS' MUSKMELONS

ONE OUNCE WILL PLANT ABOUT 80 HILLS.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

The Princess Muskmelon, nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is *sweet and luscious beyond description.* They ripen early and grow to a good size, frequently weighing from 8 to 10 lbs. each; vines grow vigorously and are very productive, often producing 6 to 8 perfect melons on a single vine. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Simmers' Dominion Green Flesh Musk, a beautiful, round, netted, deep ribbed variety, lucious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 lbs. Per pkt. 10c., oz. 50c., 2 oz. 75c., ¼ lb. $1.50, lb. $4.00.

Montreal Green Nutmeg. The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh *remarkably thick,* light green, melting, and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who desire to raise the handsomest possible melons for exhibition, or extra large, fine melons for market, we highly recommend the *Montreal Improved Nutmeg.* Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Delmonico. An oval-shaped melon of large size, finely netted; flesh beautiful orange pink. It is one of the most delicious flavored Muskmelons ever introduced. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Emerald Gem. This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a very high-flavored fruit. (See cut). Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Early Hackensack, a variety of the Green Muskmelon, grows to a large size, very productive and of exquisite flavor. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

The Bay View, a large, prolific and fine flavored green-fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 lbs. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Green Nutmeg, green flesh, fine flavor, rich and sugary. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb 30c., lb. $1.00.

Improved Christiana, the earliest Muskmelon known, green flesh, netted and exquisite flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Persian or Casawba, oblong, netted, green flesh, early, delicious flavor, recommended for garden crop. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb, 30c., lb. $1.00.

Miller Cream or Osage, a remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Skillman's Fine Netted, the best early kind, green flesh and luscious flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Yellow Cantaloupe, very fine flavor, flesh reddish orange, an early and productive variety. Per pkt. 5c., oz. 15c, 2 oz. 20c, ¼ lb. 30c., lb. $1.

Oblong Netted, red fleshed, recommended, good flavor and large sized. Per pkt. 10c., oz. 40c, 2 oz. 70c., ¼ lb. $1.25, lb. $4.00.

The Banquet, a new medium sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled; the flesh uniformly deep, color dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons, and will produce more edible melons to a given area than any other variety. Per pkt. 10c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Green Climbing, green flesh, very sweet, juicy and fine flavored, thin skinned, slightly ribbed, if cultivated on a southern aspect against a trellis or a pole, it produces without trimming a large number of fruit of the size of an ostrich egg. Per pkt. 5c., oz. 50c., 2 oz. 90c., ¼ lb. $1.75.

The Surprise, the finest flavored, red fleshed, thickly netted, highly recommended. Per pkt. 5c., oz. 15c., 2 oz, 25c., ¼ lb. 40c., lb. $1.50.

Choice Mixed Sorts, containing all leading sorts of the foregoing list. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Vegetable Peach (Mango Melon, Vine Peach). The fruit is about the size of a large peach or orange, oval shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow white. When it first ripens it is quite hard and has very little flavor, but soon they become mellow and sweet, and have a rich flavor. For sweet pickles, pies, or preserving, they are superb. Fried, as egg-plant, they are delicious. They will keep in good condition two months after being picked from the vines. Very productive, early and hardy. Per pkt. 10c., oz. 25c.

Melon Seed for Fancy Work, per oz. 10c., per quarter lb. 30c.

Simmers' Dominion Muskmelon.

CITRON

Citron, for preserves, striped and marbled with light green, flesh white and solid. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

"Colorado Preserving," immensely prolific, flesh very firm and solid, size very large, and preserving qualities the very best. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

LONGLAKETON,
March 21, 1893.
Dear Sir,—The seeds I received from you last season gave good satisfaction.
Yours, T. ROWELL.

HARTNEY,
Mar 21st, '93.
Dear Sir,—The seeds arrived in good order. I am very much pleased at the maner which my order has been filled. Thanks for the extras. Your friend,
MRS. A. TURNBULL.

Citron for Preserving.

WATERMELONS One ounce will plant about 60 hills

Kolb's Gem, or American Champion.

KOLB'S GEM, or American Champion, flavor of the best, with red core, keeping qualities very good, melons attaining a size of 25 to 50 lbs. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

PEERLESS, a very handsome variety of medium size, mottled and striped with light green, thin rind, scarlet flesh, and of good flavor. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

LONG ISLAND, red core, a large variety, very popular, sweet and luscious. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

CUBAN QUEEN, beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Black Spanish Early, red core, very delicious, skin dark green. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c. lb. $1.00.

Mountain Sweet, fruit oblong, dark green, rind thin, solid, very sweet and delicious. Per pkt. 5c., oz. 15c., 2 oz. 20c. ¼ lb. 30c., lb. $1.00.

Ice Cream, medium size, skin pale green, rind very thin, solid crisp and delicious. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

PHINNEY'S, oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

"THE BOSS," a very large and luscious variety, flesh solid, red and very sugary. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30., lb. $1.00.

Turkish Dwarf. This new Watermelon is of Turkish origin, and we predict for it a very prominent place in public favor as soon as its merits are known. It is extra early, and the vines are of dwarf habit, allowing it to stand at least one-third closer than ordinary sorts. The quality is excellent, and all things considered, we claim for it the first place among early market sorts; red fleshed, round in shape, average weight 10 lbs.; the color is a smooth dark green, with stripes of light green running from end to end. Per pkt. 10c., oz. 30c., 2 oz. 45c., ¼ lb. 80c., lb. $3.00.

The Jones. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and like that variety is one of the best shipping sorts. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Green and Gold. A new variety with beautiful golden yellow flesh, free from any tinge of white. The rind is thin and the white ⅜ to ½ inch in thickness. The flesh granular in appearance, very juicy, sweet, and of delicious flavor. It forms a pretty contrast to the red-fleshed sorts. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

MUSHROOMS

Champignonbrot, GER. *Champignon,* FR.

The cultivation of this nutritious esculent is a very simple matter, and requires only ordinary intelligence and care. The materials needed are fresh horse manure, good soil and live spawn. The manure should not be too short, as it does not combine the necessary qualities. Long strawy litter, plentifully mixed with short manure, makes by far the best beds, as it does not heat too violently, decomposes slowly and retains its heat for a long period. Put in a heap and turn every three or four days to permit the escape of noxious gases and prevent burning. Manure that has become white or "fire-fanged" and mouldy is worthless for mushroom beds. When ready for use it should not possess an offensive odor, and should be as hot as can be borne comfortably by the hand. It should also be moist, for if too dry the decomposition of the mass will be rapid and the bed exhausted before the crop has matured. If a shed or cellar is not available they can be grown in the open air, but the time necessary to perfect the crop will be longer. Make the beds three feet wide at the base, two and a half feet high, tapering to six inches at the top and of any desired length. The manure,

MUSHROOMS (As grown from spawn supplied by us.)

when in proper condition, should be quickly handled to prevent the loss of heat, and be beaten down to make the heap firm and compact. When of the desired size the sides should be dressed down neatly and the heap covered with long litter. Allow this to remain till the heat has decreased to 90°. At this point the bed is ready to receive the spawn, which is done by raising the manure with the hand and inserting pieces of spawn two inches square, nine inches apart each way. Liberal use of spawn results in larger crops. Many beds fail to give satisfactory returns owing to the bricks being broken in too small pieces. At the end of three days the spawn will have commenced to run, and the bed is in proper condition for covering with soil. Any good, fresh soil will answer, but turfy loam from an old pasture or meadow is preferable. If the soil is poor add a liberal quantity of bone meal. The earth should be just moist enough to press together nicely. If too wet when put on it is apt to crack and thereby permit the heat to escape instead of permeating the bed evenly. If the soil is light put on to the depth of two inches, but if heavy one inch will be sufficient. The bed should again be covered with litter, and it should remain on till the bed is exhausted, only removing it to gather the crop. If the bed shows signs of dryness, water on top of the litter, and not directly on the soil.

Mushrooms can be readily grown in cellars, stables, sheds or pits. The requirements as to manure, soil, etc., are similar, but the season can be prolonged and the temperature regulated more easily than in the open air. Many are successfully grown on a shelf in an ordinary cellar, and yield sufficient crop to compensate the grower for his effort. Spent hot-beds also meet the requirements of the mushroom in a large measure. Bits of spawn can be inserted before the bed has become cold between the plants.

Imported English Spawn, made up in large, solid bricks weighing about two pounds each, 25c. each, $2.25 per doz.

Imported French Spawn, loose in boxes, of the size generally wanted by mushroom growers, $1.00 each, $8.50 per doz. boxes.

Imported French Spawn, loose in boxes put up by us, for small gardens, 50c. each.

GOURDS

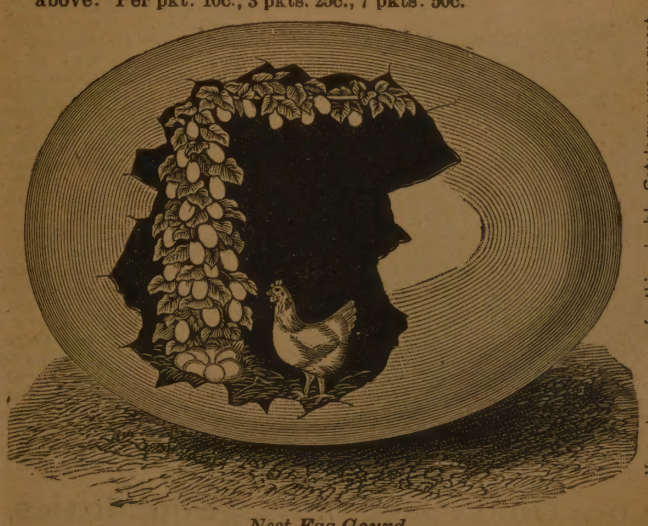
Japanese Nest-Egg. These exactly resemble in color, shape and size, the eggs of hens, making a capital nest-egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a rapid-growing climber, it is very useful for covering screens, etc. Per pkt. 10c., 3 pkts. 25c., 7 pkts. 50c.

Dipper. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Per pkt. 10c., oz. 25c.

Luffa, or Dish-rag Gourd. A native of the East Indies, and in it Nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. Per pkt. 10c., 3 pkts. 25c., 7 pkts. 50c.

Sugar Trough. *Very useful* for baskets, dishes, buckets, etc., etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Per pkt. 10c., oz. 25c.

Fine Mixed. A collection of the most ornamental, including all of the above. Per pkt. 10c., 3 pkts. 25c., 7 pkts. 50c.



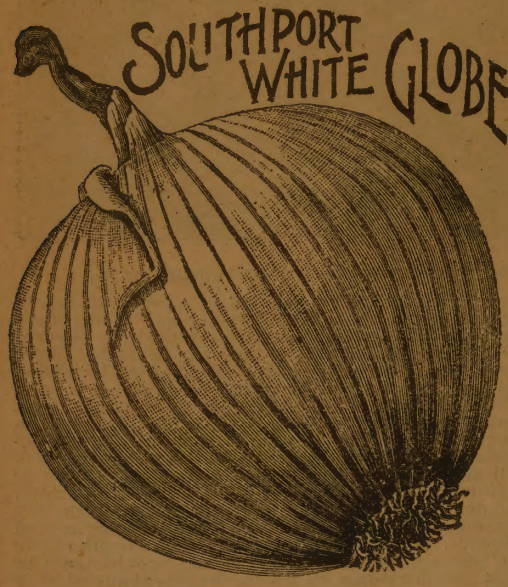
Nest Egg Gourd.

If you have no use for this valuable Catalogue, we request you to give or send it to some seed-buying friend of your acquaintance, or RETURN TO US. Kindly advise us of any change in your address. J. A. SIMMERS, Toronto.

Simmers' Onion Seed

One Ounce will sow 100 feet of drill; four pounds is sufficient for an acre.

In no vegetable does the value of the crop raised depend more directly on the quality of the seed than with the Onion. Cheap seed is always dear at any price, and this applies with special force to seed. In fixing value of this stock we must be guided by the general fact that all buyers seek the lowest reliable sources, and we do not assume to have the only good Onion Seed in America. Therefore we try to fix our prices at the lowest living rate, to be sure we do not ask from our customers a higher price than that quoted by our most reliable competitors. We have made prices as low as we can possibly afford for this season, for the quality which we furnish. It is grown by men who make seed growing a business, almost a science, from the choicest selected bulbs for seed purposes and our test shows its germinating quality this season to be the highest average we have ever had. There is no better grade than Simmers' Onion Seed, and if you use in large quantities, write us for special prices before placing your order.



CULTURE—The Onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly, sow thinly in drills about a quarter of an inch deep, and one foot apart; cover with fine soil, and press down with the back of a spade or a light roller; when the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs

Large Yellow Globe Danvers. The most popular yellow onion all over the country. Our strain is the best that can be had. The onions from which our seed is raised are selected on the following points: earliness of maturity, extra large size, even and handsome form, thin neck and best keeping qualities. It is the best yielder and has given universal satisfaction. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Large Yellow Flat Danvers, in quality, size and productiveness, equal to the preceding, but flat in shape. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb $2 00.

Large Yellow Strasburg, or Dutch, one of the oldest varieties, good keeper and fine flavored (American grown seed). Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Large Red Wethersfield. The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper, and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short it is the best red onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest Onions of perfect shape, deepest color and thinnest neck. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., $2.00.

Large Red Wethersfield Onion.

Large Red Globe. With the exception, perhaps, of some of the white varieties there is no onion that realizes such large prices as this, its beautiful globe shape and rich purplish crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Mammoth Victoria Onion.

Extra Early Red, quite distinct and true (American growth), about ten days earlier than the preceding. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Southport White Globe, handsome globular Onion of mild flavor, good keeper, one of the best. Per pkt. 5c., oz. 35c., 2 oz. 60c., ¼ lb. $1.10. lb. $4.25.

Southport Yellow Globe, same shape as White Globe, color yellow, an excellent keeper. Our stock of this is perhaps the finest in the country. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Largest White Portugal, mild flavor, good keeper, extensively grown for market (American growth). Per pkt. 5c., oz. 35c., 2 oz. 60c., ¼ lb. $1.10, lb. $4.25.

Large French or Welsh, this variety should be sown in August, it is excellent for salads. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

MAMMOTH VICTORIA ONIONS.

Red and White Globe. A new race of onions introduced a few years since from Sardinia, where they are largely grown. They have attained enormous sizes and weighs, of four to five pounds each, grown in the United States. They are of handsome globe shape as shown in the illustration, and are worthy of a trial by all gardeners who are interested in the growing of foreign onions for either market or exhibition purposes. As the imported seed of these varieties germinates poorly, we offer choice American Grown Seed from selected bulbs.

Large Yellow Strasburg, or Dutch Onion.

Red Victoria Onion. The skin is deep blood red, flesh white and of sweet, mild flavor. Pkt. 10c., oz. 40c., 2 oz. 75c. ¼ lb. $1.25, lb. $4.50.

White Victoria Onion. Skin and flesh pure white, of sweet, mild flavor and a very handsome showy onion. Pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25 lb. $4.50.

OUR "ONE DOLLAR" VEGETABLE COLLECTION

Offered on page 2 is the most complete collection for the home garden ever offered for the money, and we want every reader of this Catalogue to at least enclose a $1.00 bill for this collection and if he has no garden of his own, we will mail it to his best friend and book his name for our Catalogue 1895.

For Novelties in Vegetable Seeds, see Colored Pages at front of this Catalogue

PARIS, MARCH 10th, 1893.

DEAR SIR,
I am highly satisfied with the seeds I have got from you the last two years, I think they are just immense. You sent me a trial package of Ponderosa Tomato, they are the finest I ever grew.
Yours truly,
H. BEAN.

THE NEW ONION CULTURE, useful edition (Greiner). Price, 50c. Postpaid.

Simmers' Large Yellow Globe Danvers Onion.

If you use Onion Seed in Large quantities, please state how much and let us qucte you

Mammoth Silver King Onion (White).

LANGLEY PRAIRIE, April 14, '93.
New Westminster, B.C.
Accept thanks for prompt despatch of Seeds ordered, arrived in fine condition, and in a very short time after ordering. Thanking you for extra packets,
Yours truly,
JOSEPH DRINKWATER.

New White Multiplier Onion Sets

SIMMERS' ONION SEEDS—CONTINUED

Italian Onions. All the Italian Onions are of very sweet, delicate flavor, much milder than our American Onions. They all grow rapidly from seed. Of great value for family gardens. While much money has been made out of these Italian Onions, grown for market, particularly in the South, yet as they are not generally good keepers, we would advise the novice to experiment on a small scale at first, and confine his main market crop to the American Onions. The Italian Onions, however, generally command ready sale at good prices during the summer and autumn.

Onion, "Prize Taker." This is the large, beautiful Onion that is seen every fall offered for sale at the fruit stores in New York and other large cities. They are a rich straw color, and of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hard and an excellent keeper. The flavor is mild and delicate, making the Prize Taker a favorite variety for slicing for salads. *(See cut).* Pkt. 10c., oz. 40c., 2 oz 75c., ¼ lb. $1 25, lb. $4 50.

Mammoth Silver King (White), the bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 lbs. each; the skin is a beautiful silvery white, flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. See cut. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Largest White Portugal, mild flavor, good keeper, extensively grown for market. Per pkt. 5c., oz. 35c., 2 oz. 60c., ¼ lb. $1.10, lb. $4.25.

White Barletta. This variety is most distinct on account of its great earliness. *It is three weeks earlier than the White Queen.* It is of a beautiful waxy white color, and grows 1¼ inches in diameter and ¾ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for Onion Sets, and it is without a rival for pickles. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Giant Brown Rocca, very large & globular, light brown skin, and delicate flavor. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb 60c., lb. $2.

Mammoth Pompeii. This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is of a very mild flavor, and in sections where Onions can be sown during the Autumn, this variety if transplanted in April, will attain a larger size than any variety we know of. Per pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.00, lb. $3.50.

Onion "Prize Taker."

White Tripoli, excellent quality. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Red Tripoli, excellent quality. Pkt. 5c., oz. 25c., 2 oz., 40c., ¼ lb. 75c., lb. $3.

Largest Red Madeira, large, tender, and a good keeper. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Small White Nocera, the finest for pickling, very small and round, pure white. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

——**Silverskin,** a handsome onion of mild flavor, extensively grown for pickling. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

White Queen, remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Early Small White Silverskin Onion, for pickling.

CACHE BAY,
Mar. 27, '93.
DEAR SIR,—I have dealt with your firm for years and have always found it very satisfactory.
MRS A. RITCHIE

Onion Sets

Add five cents per quart for postage.

CULTURE.—Sets furnish large onions early, also first green onions for table use. Plant the sets as early in Spring as possible, in shallow drills 1 foot apart, and 4 inches between sets. Cover slightly. They can be used in a green state in June and are ripened off by July. To grow sets, sow the seed early in spring very thickly in beds or drills. When the tops die down, gather the little bulbs dry and store. One quart of sets is needed for 100 ft. of drill.

☞Please remember that Onion Sets are subject to fluctuations of the market and the prices per bushel quoted below are those of the time when this Catalogue was published and are not binding throughout the season.

We keep regularly in Stock the following kinds:

New White Multiplier Onion Sets. These are excellent for green eating early in the spring; very productive and tender. The white onion seed being as a rule very high-priced this white multiplier onion set will be a great advantage to all who plant onions for eating green. The largest of the sets if allowed to grow through the summer make an onion of fair size which divides when ripening in the fall, multiplying liberally for another year. Our illustration is made accurately from nature and represents them in natural size. We have counted as many as 20 sets on a single bunch. Per pint 15c., quart 30c., 4 quarts $1.00, peck $1 75, bushel $6.00.

Yellow Onion Sets. Pint 20c., quart 30c., 2 qts. 55c., 4 quarts $1.00, pk. $1.50.

White Onion Sets. Pint 20c., quart 30c., 2 quarts 55c., 4 quarts $1.00, pk. $1 50.

English Potato Onion Sets. the real English multiplier. Per lb. 20c., 2 lb. 40c., 4 lb. 75c., peck $1.50.

Top or Button Onion Sets, red and yellow. Per quart 30c, 2 quarts 55c., 4 quarts $1., peck $1.50.

Shallots, or multiplier onion sets. for early spring use. Per quart 10c., ½ peck 40c., peck 75c.

Egyptian or Perennial Tree Onion. This is an entirely distinct variety of onion. When once set out, without having the slightest winter protection, it will come up year after year as soon as the first frost breaks ground, and will grow very rapidly. The bottoms divide, making several irregular shaped onions, which are sweet and tender. The young sets grow on top of the stalks, like Tree onions, and can be planted in the fall. Orders for this variety are booked during spring, and will be forwarded in proper time for planting from August till October. Per pint 15c., quart 20c., pk. 75c.

Please write us for prices on bushel lots (prices fluctuate), when we will quote lowest market rates.

Seed Pod Martynia.

MARTYNIA

While quite ornamental in growth, quickly forming large bushes and bearing handsome Gloxinia-like flowers, it is grown chiefly for its large curious-shaped *seed pods*. When young and tender (test by pinching with the nail), these seed pods make excellent pickles, and as they are produced in great abundance, a few plants will suffice for an ordinary garden. Sow in May or June, at least three feet apart.

Martynia Proboscidea. The best variety for pickles. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

MUSTARD—One oz. will sow about 80 ft. of drill.

CULTURE.—Sow rather thickly, in rows, in a hot-bed, as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two in. high.

White, for salad or medicinal purposes. Per pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 30c.

Brown, for seasoning, more pungent in flavor than the White. Per pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 30c.

NASTURTIUM, or INDIAN CRESS.

One ounce will sow about 20 feet of drill.

CULTURE.—Sow about the middle of May, in the open ground, one inch deep in patches, and train them to sticks. The seeds when young and tender are pickled as a substitute for capers, to which some prefer them. The leaves are eaten in salads and are very grateful; are also used as a garnish.

Tall Mixed Nasturtium. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

Dwarf Mixed Nasturtium. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

OKRA, or GUMBO—German, *Essbarer*; French, *Gombo.*

One ounce will plant 100 hills.

CULTURE.—This vegetable is extensively grown in the Southern States. Its long pods when young are used in soups, stews, etc., and believed to be very nutritious. It is of the easiest culture and grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from 2 to 3 ft. apart.

Long Pale Green, long-ribbed pods, this variety generally succeeds the best of any. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

Dwarf Green, earliest and best, small green smooth pods. Per pkt. 5c., oz. 20c. 2 oz. 35c., ¼ lb. 60c., lb. $2.

PARSLEY One ounce will sow 150 feet of drill.

Covent Garden, or Champion Moss Curled Parsley.

Soak the seeds a few hours in warm water, and sow very early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame.

Best Extra Triple Curled, with leaves finely cut and curled, and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. $1.

Dwarf, very Curled, very curly, one of the most delicate of the curled sorts. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. $1.

Covent Garden Garnishing, or Champion Moss Curled, a perfectly curled variety. Pkt. 5c. oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Fernleaved, light green color, not curled, but rather delicately feathered. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

PEPPER

One Ounce will produce 2,000 plants.

Monstrous or Grossum Red Pepper.

CULTURE.—Peppers are sown as early as possible in spring, in a hot bed or warm room, quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Large Squash or Bell, an early variety of mild flavor, favorite sort for pickling and for use in the natural state. Per pkt. 5c., oz. 40c.

Long Cayenne, best for pickles, pods small cone shaped, red. Per pkt. 5c., oz. 40c.

PEPPER—*Continued.*

Long Red, pods brilliant red, 2 to 4 inches in length. Per pkt. 5c., oz. 40c.

Monstrous or Grossum, remarkably large and irregular in shape, sweet and thick flesh. Per pkt. 5c., oz. 40c.

Procopp's Giant. This new variety may be justly called the Goliath of all the pepper family. They grow uniformly to a very large size. They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits, from eight to ten inches long by three inches thick. Per pkt. 5c., oz. 50c.

Coral Gem Bouquet. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet of coral. As a pot plant, besides its great beauty, it serves the housekeeper in a most convenient way when pods are wanted for seasoning. In the open ground the plants grow to a height of from 24 inches to 30 inches, so densely set with pods as to bend its branches down. So many desirable qualities are combined in this that it will undoubtedly become popular as well as profitable in the manufacture of pepper sauce. Per pkt. 10c., oz. 50c.

Celestial. A very showy plant and a most desirable pepper. The plant begins to set its fruits early in the season, and continues until frost, branching freely and bearing profusely. The peppers, when young, are delicate creamy yellow, and ripen to a vivid scarlet, making a plant, when loaded with fruit, part of one color and part of the other, an object of the most striking beauty and oddity. They are from two to three inches long, of clear sharp flavor, and superior for any of the uses to which a pepper can be put. Per pkt. 5c., oz. 50c. Don't fail to add this to your order.

Sweet Spanish, fruit obtusely conical, often four inches in length, nearly three inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Per pkt. 5c., oz. 40c.

Small Red Chili, fruit very piquant and small, about two inches in length. Per pkt. 5c., oz. 40c.

Mammoth Golden Queen, or Mango, beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit, and in productiveness surpasses any other variety, free from fiery flavor. Per pkt 5c., oz. 50c.

Cardinal Red Peppers. A very distinct variety, growing from 5 to 6 inches in length, being about an inch broad at the top and tapering to a point. This Pepper is slightly scimitar-shaped and is a glossy bright red color. Very sweet and thick fleshed. Per pkt. 5c., oz. 75c.

Black Nubian. See Novelties. Per pkt. 10c., oz. 50c.

PARSNIPS

One ounce will sow about 150 feet of drill.

CULTURE.—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills fifteen to eighteen inches apart, as early in the spring as possible, thin out, leaving six inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required; they are valuable for the table as well as for dairy stock.

Maltese Parsnip.

Large Long Smooth Dutch Hollow-Crowned, roots long, tender, free from side shoots, excellent flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

CARNARVON, March 14.

Many thanks for your kind attention to my small orders in past years. I give away the extra catalogue, and speak for your firm. The Grand Rapids Lettuce pleased me very much, being tender and good with little trouble. JOHN H. BILLING.

Large Hollow-Crowned Parsnip. *Improved Guernsey Parsnip.*

Maltese, very handsome and of excellent quality. The base of the leaf stems have the appearance of a Maltese cross. Shorter than others and better for shallow soils. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 75c.

Improved Guernsey, or Half Long.—A very fine and improved strain which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine grained and of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Early Round, a short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 75c.

RADISH SEED

ONE OUNCE WILL SOW 100 FEET OF DRILL.

CULTURE.—The soil for radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use sow on gentle hot-beds in March, and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession, as long as they may be wanted. TURNIP-ROOTED and the OLIVE-SHAPED varieties are the best for sowing in the Summer. The Winter varieties should be sown in August, and lifted before severe frost, and stored in the cellar.

Early and Summer Varieties

Early Scarlet Olive Shaped White Tipped (*French Breakfast Radish*). A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Early Scarlet Olive-Shaped, a very early and handsome variety of a lively rose color and oblong shape, popular among most market gardeners. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c. lb. 80c.

Early White Olive-Shaped, similar to scarlet, skin being white. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Early White Turnip-Rooted, very early, flesh and skin white. Grown for mixing in with bunches of Red Radishes. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 70c.

——**Nine-Pin Shaped,** scarlet, for forcing, so called on account of its shape. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

- ——**Scarlet Turnip-Rooted,** small top, quick growth, mild and crisp, best for market. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 70c.

Early Scarlet White-Tipped Turnip-Rooted, a very pretty variety, excellent for market and fine for forcing. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Early Scarlet Turnip-Rooted Radish.

OUR SEEDS ARE THE BEST

Radish, Scarlet Turnip-Rooted Wite-Tipped.

Scarlet Globe Radish.

Early Scarlet Globe, a most desirable turnip sort for hot-bed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. One of the best selling Radishes on account of its very attractive color and shape. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Early Non-Plus Ultra. Unquestionably the earliest forcing Radish, grows very rapidly, and is fit for use within three weeks; the root is round and bright scarlet, the flesh tender and particularly delicate; it produces but a few quite small leaves. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25

Non-Plus Ultra Radish

Improved Chartier Radish, the color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white; it will attain a very large size before it becomes unfit for the table, excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Wood's Early Frame, a long scarlet, brilliant color, excellent for forcing. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Long Scarlet, or Early Short Top, a standard variety for market and private gardens. Per pkt. 5c., oz. 10c., 2 oz. 15c. ¼ lb. 25c., lb. 60c.

Long Salmon, a long light red variety, very desirable for gardens. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 60c.

Long White Naples, excellent for table, flesh white, crisp and mild. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 90c.

Rosy Gem. One of the very earliest in cultivation. Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious, never hollow nor pithy, desirable for growing under glass. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Winter Varieties

California Mammoth Long Black Spanish, Winter, very large and best for winter use. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

California Long White Spanish, very large and best for winter, rather milder than the Long Black. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

Long China Rose, winter, very desirable, light rose color, flesh fine and piquant. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

Black Round Spanish, Summer, coming to perfection quite early. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Black Round Spanish, Winter, large, for use during winter, of firm texture. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.

Liberal Premiums on all Seeds in Packets.

Purchasers remitting $1.00 may select Seeds in packets amounting to							$1.15
"	"	2.00	"	"	"	"	2.35
"	"	3.00	"	"	"	"	3.60
"	"	4.00	"	"	"	"	4.80
"	"	5.00	"	"	"	"	6.00

The above discounts apply to Seeds IN PACKETS ONLY, but do not apply to ounces, pounds, etc.

"Large Yellow Mammoth Cheese" Pumpkin.

PUMPKINS

One Ounce will plant about 25 Hills.

CULTURE.—The seeds we offer are from enormous-sized specimens. The seeds should be sown on hills, with plenty of manure at the bottom, in a rather damp piece of ground. Only two or three plants should be allowed for each hill. They are excellent for culinary and feeding purposes.

Large Yellow Mammoth Cheese, hardy, productive, and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Japanese Pie. The flesh is very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early, and keep well. The seeds are very curiously marked. Per pkt. 10c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Large Field, both for culinary purposes and for feeding cattle, a large yellow variety known as the "Pie Pumpkin." Pkt. 5c., ¼ lb. 10c., lb. 25c.

Jonathan Pumpkin.

The Jumbo Pumpkin. Largest Variety in Cultivation.

Jumbo Pumpkin, the largest variety grown, often attaining the weight of 175 lbs., very attractive. Per pkt. 10c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

Jonathan Pumpkin. This new pumpkin, the shape of which is well shown in the accompanying cut, is pronounced by a veteran pumpkin grower one of the finest varieties he has ever grown. It is a good keeper, of large size, very prolific, smooth and even fleshed; very sweet and fine for pies. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

PEAS

One pound will plant about 50 feet of drill, from one to two bushels per acre

CULTURE.—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best; for early crops mild manure, such as leaf mold, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about two or three inches deep. As to distance between the rows, about three feet apart for the early kinds, and four feet for late. Market gardeners plant closer than this, but the above, for general garden purposes, will be found about right. For a continuous supply during the season, make the plantings from early in April until the last of June; then sowing should be discontinued until the middle of August, when an extra early sort will sometimes produce a good crop. They may be soaked a few hours previous to sowing in warm water. **(Small packets of any variety, 5 cents.)** *Please add 4 cents per lb. for postage.*

EARLY VARIETIES

Simmers' First of All, 2 feet, very productive, so called owing to its extreme earliness; specially grown for our trade; market gardeners will find this variety the best for first market. Per lb. or pt. 10c., qt. (2 lbs.) 20c., pk. $1 20, bush. $4.20.

Carter's First Crop, or Ringleader. 2 feet, one of the earliest in cultivation, very productive, good flavor, the haulm being literally covered with pods. Per lb. or pt. 10c., qt. (2 lbs.) 20c., pk. $1.20, bush. $4.20.

Simmers' First of All Peas.

McLean's Blue Peter, 1 foot, quite dwarf, requiring no support, a splendid bearer and exquisite flavor, pods comparatively large and well filled. Per lb. or pt. 20c., qt. (2 lbs.) 35c., pk. $2.00, bush. $7.20.

Alaska, the earliest blue Pea, very uniform in growth; the dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early Pea for market and private gardens; height 2 feet. Per pt. 10c., qt. 20c., pk. $1.25, bush. $4.80.

McLean's Little Gem, 1 foot, dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early, needs no sticks. Per lb. or pt. 20c., qt. (2 lbs.) 35c., pk. $2.25, bush. $9.00.

Laxton's Alpha, the earliest wrinkled pea, fully as large as the Daniel O'Rourke, with the advantage of a rich quality, 2½ to 3 feet high. Per lb. or pt. 15c., qt. (2 lbs.) 30c., pk. $1.25, bush. $4.20.

Extra Early Premium Gem, very early, good flavor, productive, excellent for family use, one foot high, no sticks needed. Per lb. or pt. 20c., qt. (2 lbs.) 35c., pk. $2.25., bush. $9.00.

American Wonder, 10 in., one of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth, its quality is of the very best. Per lb. or pt. 20c., qt. (2 lbs.) 40c., pk. $2.25, bush. $9.00.

The Lightning. As the name implies, this is a remarkably rapid grower, and well adapted for market garden trade, as it comes into bearing very early. The pea is large for a first early, the pods well filled and numerous on the vine. Height 2 feet. Per pt. 15c., qt. 25c., pk. $1.75, bush. $6.00.

THE HEROINE PEA

"We much prefer the Heroine." "The choice of all large-podded, wrinkled Peas."
"Peas large, often 10 to a pod, and very prolific."
"Heroine Pea is a marvel—fairly melting in your mouth for sweetness."

It is a medium early, green wrinkled pea, and grows uniformly two to two and a half feet high, and bears a profusion of large, long, slightly curved, pointed pods, **containing from nine to ten large Peas of finest quality.** This new Pea is destined to eclipse the Stratagem and Pride of the Market for either private use or market purposes. It is well known by all who have grown these varieties that it is difficult to keep them true and pure, the trouble being that they have been introduced before the types were sufficiently fixed; but in Heroine we have a variety that after careful test has been found to run true and very even, and when we say that in field culture we have found it to ripen and yield double the quantity of peas that the ordinary varieties do, it will be readily seen that in addition to its good quality it is an immense cropper.

Heroine Excels them all. One of our most experienced growers is also a great lover of bees, and he at once pronounced Heroine the "Queen" of Peas, for the graceful, slender outline of the pod of this variety is as distinct a feature among Peas as is the form of the graceful ruler in the apiary. Per pkt. 5c., pt. 25c., qt. 45c., pk. $3.25, bush. $12.00.

Liberal Premiums on all Seeds in Packets—To induce our patrons to form Clubs to purchase Seeds in quantity, we will offer the following Liberal Discounts on all Seeds in packets:

Purchasers remitting		**$1.00**	may select Seeds in packets amounting to				**$1.15**
"	"	**2.00**	"	"	"	"	**2.35**
"	"	**3.00**	"	"	"	"	**3.60**
"	"	**4.00**	"	"	"	"	**4.80**
"	"	**5.00**	"	"	"	"	**6.00**

The above discounts apply to Seeds **IN PACKETS ONLY,** but do not apply to ounces, pounds, etc.

McLean's Little Gem Pea.—Desirable table variety, 1 ft. high, requires no sticks.

The Canadian Bee Journal

The fertilization of flowers by the agency of the honey bee is so well established that many gardeners and fruit-growers have found it in their interest to keep bees for this purpose alone.

Subscriptions for The Canadian Bee Journal at **$1.00** per ann.

Bliss' Everbearing Pea.—Medium Early.

Laxton's Supreme Pea.

MEDIUM EARLY VARIETIES

Bliss' Everbearing, 2 feet, a splendid general crop pea, pods averaging 4 inches long and containing from 6 to 8 wrinkled peas of enormous size, many of them being over half an inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb. or pt. 20c., qt. (2 lbs.) 35c., peck $2, bush. $7.20.

Laxton's Prolific Long Pod, 2 feet, a round green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb. or pt. 20c., qt. (2 lbs.) 35c., peck $2.25, bush. $9.00.

Laxton's Supreme, a fine, large and very distinct early pea, of the green marrow race, saving from 9 to 10 peas in a pod, 4 feet high, prolific. Per lb. or pt. 20c., qt. (2 lbs.) 40c., peck $2.25, bush. $9.00.

Blue Imperial, 3 feet, large pods and prolific, a good summer pea, of fine flavor. Per lb. or pt. 15c., qt. (2 lbs.) 25c., peck $1.75, bush. $6.00.

Horsford's Garden Pea, grows 2 to 2½ feet high, it is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. Its habit is such that a small amount of seed will plant a large plot of ground, and those who have tried it pronounce it one of the sweetest they have tasted. Per lb. 15c., qt. 25c., peck $1.25, bush. $4.80.

Anticipation.—This variety was introduced by a renowned English house several years ago, and we have found it a very fine second early Pea; 2½ feet high, being of sturdy habit, pods are immense, well filled and the quality excellent. Pt. 20c., qt. 35c., peck $2.00, bush. $7.20.

Hair's Dwarf Blue Mammoth, excellent flavor, 2½ ft., very prolific. Lb. or pt. 25c., qt. (2 lbs.) 40c., peck $2.50, bush. $8.00.

The Stratagem Pea.

LATER OR GENERAL CROP

Stratagem Pea.—An English blue wrinkled marrow with with vines of strong growth as to need no support, and remarkably free bearing; peas very large and fine flavored, pods sometimes six inches in length and well filled; 2 feet; unquestionably one of the very best for table use. Pt. 20c., qt. 35c., peck $2.00, bush. $7.20.

Telephone Pea.—This strong growing sweet wrinkled pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods, and very fine table quality. Market gardeners have found it the most profitable sort. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Per pt. 20c., per qt. 35c., per peck $2.00, per bush. $7.20.

Burpee's Profusion Pea. (See Novelties.) Price per pkt. 10c., per pt. 30c., per qt. 50c., per peck $3.25.

Pride of the Market Pea.—This has already become one of the most popular Market Peas. In length of pod it is equal to the Stratagem, from which it differs in possessing a greater depth of color, with round, blue seed. It grows from eighteen inches to two feet in height, and bears grand pods well filled from top to bottom with large and fine flavored peas. We urge a trial by every gardener. Its robust constitution, enormous yield and superior appearance, ensures its acceptance as a favorite with the public; 2 feet. Pt. 20c., qt. 35c., peck $2.00, bush. $7.20.

Black-eyed Marrowfat (3 feet), best for general crop, has large and well-filled pods, a popular market variety. Per lb. or pt. 10c., qt. (about 2 lbs.) 15c., peck 40c., bush. market price.

Champion of England (4 feet), universally admitted one of the best peas grown, a delicious flavor and good bearer. Per lb. or pt. 10c., qt. (about 2 lbs.) 15c., peck $1, bush. $3.60.

Large White Marrowfat, well known, prolific and of good flavor, 6 feet high. Per lb. or pt. 10c., qt. (about 2 lbs.) 15c., peck 40c., bush. market price.

Yorkshire Hero (2½ feet), very prolific and of delicious flavor. Per lb. or pt. 15c., qt. (about 2 lbs.) 25c., peck $1.50, bush. $4.80.

EDIBLE PODDED, or SUGAR

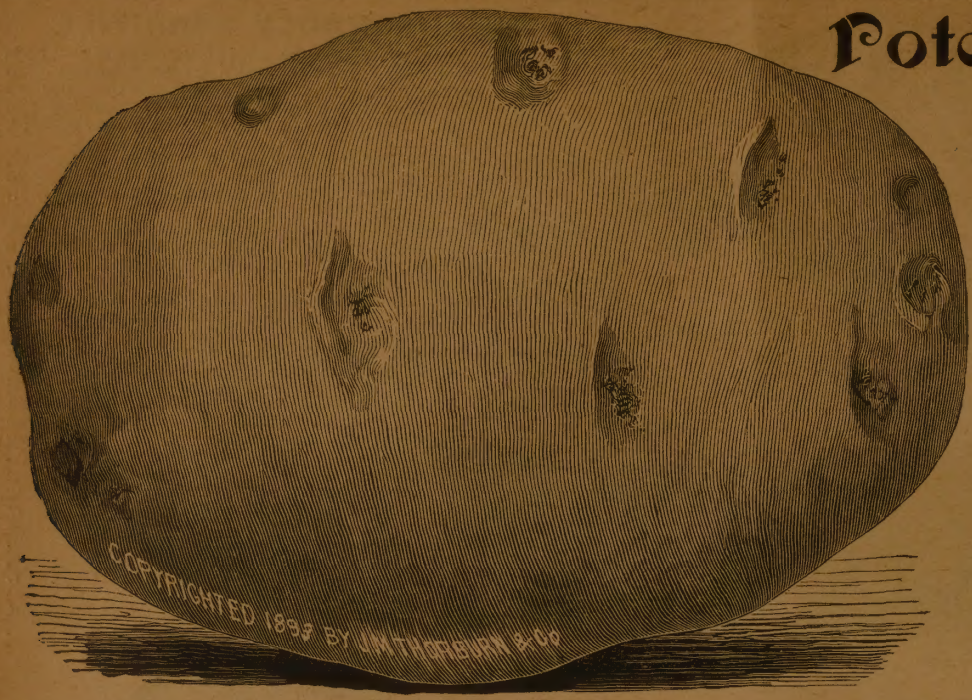
Tall Scimitar Sugar, pods are eatable, very sweet, 7 to 8 inches long, grows 6 feet high, can be used in a green state like string beans. Per lb. or pt. 25c., qt. (2 lbs.) 50c., peck $2.50, bush. $8.00.

Dwarf Sugar, pods eatable, 2 feet high, can be used in a green state like string beans. Per lb. or pt. 25c., qt. (2 lbs.) 50c., peck $2.50, bush. $8.00.

Our Seed Peas are of the very best quality, riddled and hand picked.

REMEMBER, a yearly subscription to "American Gardening" goes with every Five Dollar ($5.00) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.

The Telephone Pea.



Carman No. 1 Potato.

Potatoes for Seed

In drills 3 feet apart; 12 to 14 bushels to the acre. 1 peck will plant about 125 hills.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges about three feet apart, covering in light warm soils about four inches deep, but in cold, wet situations two and one-half or three inches will be sufficient.

WE SHALL SHIP as early as is safe from frost. We will ship when requested, any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

THE NEW POTATO

"Carman No. 1"

In 1889 we offered to our customers the Rural New Yorker No. 2, a potato whose merits have been universally appreciated. The long line of experiments with seedlings, of which this was one valuable result, has been since continued, and the Carman No. 1, which we have now the honor to offer, is another triumph of the methods of the experienced originator whose name it bears.

The Carman No. 1 is a seedling from seedlings raised through several generations, with the object of developing good and suppressing undesirable qualities. It is intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is peculiarly white and the quality perfect. It has been carefully watched under ordinary culture during the past two years, and the following are our growers' reports upon it:

2. Report of September 16, 1893: "In regard to the Carman No. 1, I cut the tubers to single eyes, so as to make the seed go as far as possible. They made the most luxuriant growth I ever saw from so little seed. This variety is proving to be an enormous producer of very handsome tubers. Its table quality cannot be excelled. They grow very large, in fact, there are scarcely any small ones among those I shall have this year. In my opinion, this new potato will make a great sensation among growers as soon as its enormous productiveness and superior qualities are known." Per lb. 75c., postpaid; 3 lbs. $1.50, postpaid.

The Freeman Potato—natural size and showing accurately its shape.

The Freeman Potato

So satisfactory have been the results obtained from this potato during the past season and so fully has it verified all our claims for it, that we again offer it to our customers with the fullest confidence that it will prove the best potato they have ever grown.

A potato containing more new fresh blood than any other since the introduction of the Early Rose. The Freeman Potato is absolutely the strongest grower we know of or have ever seen, and it has shown such unusual developments both as to early ripening qualities, enormous productiveness and strong vigorous growth, that no praise, in our opinion, is too strong for its merits. Having purchased considerable of the Freeman Potato we take pleasure in offering it to our customers at reasonable prices, considering it is a new variety. In view of the fact that we planted very nearly our entire stock of this Potato last year, illustrates what we personally thought of it. All our customers who invested in Freeman's last year found it to be a most profitable transaction.

The Potato for this country. As near perfection for the table as can be found. Never saw such growth. One of the finest of fifty-three varieties. Will yield 100 bushels from every bushel planted. The smoothest and best potato we have found yet. Unanimously pronounced by all who planted it last season a perfect wonder. Has not only equalled but surpassed all claims made for it last year.

PRICES FOR 1894—Pound 25c., postpaid; 5 pounds 75c., postpaid; peck $1.00; bushel $2.50, barrel $5.50, by express or freight, purchaser paying transportation charges.

POTATO SEED BALLS.

POTATO SEED American and French mixed from best hybridizers. Every potato fancier should give this mixture a trial. Pkt. 25c. One pkt. free with every $5.00 potato order, when mentioned on order.

The Concave Seed Potato Knife.—For cutting Potato Eyes. Price 35 cts., postpaid.

POTATO EYES BY MAIL Owing to the heavy expense of sending potatoes long distances, by express and freight, we have adopted a plan of sending out potato eyes by mail. When received they should be carefully removed from the boxes. If too soon to be planted out-doors, they should be placed with damp earth in a box where there is no danger of freezing. We send out none but the strongest and best eyes, which will produce crops as good as if the whole tubers were planted. Owing to the amount of labor attached to preparing and packing the eyes for safe shipment, we can only offer the eyes of the newest varieties described above. For 50c. we will send, all postage paid, 75 good strong eyes of either Freeman I.X.L. or Burpee's Extra Early; 200 eyes for $1.00.

SELECTED SEED POTATOES

THE I. X. L. POTATO. A late variety, originating near our city, and having been thoroughly tested, we, this season, again offer it to our customers who may desire to add a substantial potato to their stock. We describe it as follows: "It is a late potato, resembling the **White Elephant** in color, the flesh is white, form oblong, the surface even, produces very few small tubers, and is a vigorous grower. Its strong points are, great productiveness, good keeping qualities, fine flavor and dryness for the table." We may add, that the I X L received First Prize wherever shown the past season in the class **Any Other Variety.** Per lb., post paid, 20c.; 5 lbs., post paid, 75c.; peck 75c., bushel $2.00, bbl. $4.50.

The I X L Potato.

Burpee's Extra Early. Thoroughly tested by several thousand growers throughout Canada, it has proved itself from ten days to two weeks earlier than EARLY ROSE, BEAUTY OF HEBRON, EARLY PURITAN, etc The potatoes are uniformly of good size, entirely free from the rough or scabby tubers, with very few small ones; oblong in shape, very smooth, eyes set well on the surface, skin creamy-white slightly shaded with pink, the flesh is pure white, remarkably fine-grained, and of the very best table quality. It is a sure cropper, immensely productive, and is one of the standard extra early potatoes. Per lb., post paid, 20c.: 5 lbs., post paid, 75c.; peck 75c., bush. $1.75, bbl. $4.50.

Rural New Yorker No. 2 Potato. Of most distinct appearance, and can readily be distinguished among a hundred others. It is very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round, and rather flattened; the skin is white, as is the flesh, which is of superior quality. In maturity, the variety is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Per lb, post paid, 20c.; 5 lbs., post paid, 75c.; peck, carriage extra, 50c.; bush. $1.50, bbl. $3.50.

The Thorburn Potato. Earlier and more productive than the Beauty of Hebron, of which it is a self seedling. In quality it is fully equal to its parent, which of itself is high praise, but it is a stronger grower, and as a field crop will yield at least a third more per acre. So far it has grown wonderfully smooth and handsome, and what is more extraordinary a hollow or unsound one has not been seen. Another important claim we make for it is that a measured bushel will weigh from three to five pounds more than the same measure of any other variety, and yet it is not **heavy** in the sense of being soggy when cooked. It is dry and floury, with a compact and fine grain. In fact the main essentials required in an early market variety are combined to a wonderful degree in **"The Thorburn" Potato,** such as size, beauty, table qualities, earliness and productiveness. Per lb., post paid, 20c.; 5 lbs., post paid, 75c.; peck, 40c.; bushel $1.25, bbl. $3.00.

The "Early Puritan" Potato. The shape of the Early Puritan cannot be excelled. The skin and flesh are very white, it cooks dry and floury, and is of excellent quality. The chief value of the Early Puritan Potato lies in its great productiveness; planted under exactly the same conditions, it has thus far yielded nearly double that of the Early Rose. It possesses several other characteristics of value. It ripens earlier than the Early Rose, but, unlike that variety, the tubers when half grown are wonderfully dry and fit for the table. The vines also are more vigorous than those of any early variety we are acquainted with, and are of an upright growth. From the foregoing description it will be seen that the **Early Puritan Potato** is a variety of the greatest promise. Before purchasing this variety we fully investigated its claims, and became thoroughly convinced of its distinctiveness and great value. Per lb., post paid, 20c.; 5 lbs., post paid, 75c.; peck 50c., bushel $1.50, bbl. $3.50.

Crown Jewel Potato. A SEEDLING of the EARLY OHIO. Grown in competition with the EARLY OHIO, EARLY ROSE AND SUNRISE, it more than DOUBLED THE YIELD OF ANY OF THEM; under precisely the same conditions, they were ready to dig TEN DAYS EARLIER. THE CROWN JEWEL is a strikingly beautiful potato, the skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are EQUAL TO THE BEST. Per lb., post paid, 20c., 5 lbs., post paid, 75c.; peck 50c., bushel $1.50, bbl. $3.50.

The Early Sunrise Potato. Very early. Tubers oblong, large, solid and handsome, flesh white, fine-grained and dry, cooking well even when first dug, very productive, and of fine keeping qualities; ripens about eight weeks after planting. From tests made in our trial grounds we still find THE SUNRISE to be of all potatoes one of the earliest and most productive, as well as the best for table use. Per lb., post paid, 20c.; 5 lbs., post paid, 75c.; peck 40c., bushel $1.25, bbl. $3.00.

Potato, Pearl of Savoy. Its yield is equalled by but few of the prominent varieties, while the quality is first class. The potato is a cross between Clark's No. 1 and Early Vermont. Resembles Early Rose, but is lighter in color. Prominent authorities who have tested it with many other sorts find it one of the very earliest. Per lb., post paid, 20c.; 5 lbs., post paid, 75c.; peck 50c., bushel $1.50.

Summit. This variety was raised from seed taken from the Early Rose. The skin is similar to its parent but differs from it in being more of an oblong, quite deep through the centre, and sometimes slightly flattened. The flesh is white, and when cooked or baked is very dry and mealy; good yielder, free from rust and rot, and less liable to blight than others. Per lb., post-paid, 20c.; 5 lbs., post paid, 75c.; peck 50c., bushel $1.75.

American Wonder Potato

Nearest to blight proof, strongest growing, most p oductive, and best late Potato for general field culture ever introduced.

This superior variety, which was offered for the first time last season, is proving by tests in all parts of the country to be all that we have claimed for it. It is without hesitation that we offer the "American Wonder" as the best **all round** Potato in cultivation at the present time. In habit of growth the vines are strong and branching, somewhat resembling that of the Peachblow; foliage of a rich, dark green color, that is offset with a mass of beautiful white bloom, the floriferous habit of this variety being one of its marked and distinct features. The tubers are white, large and uniform in size, elongated, slightly compressed with few eyes that are nearly flush with the surface. In quality nothing can surpass this superb variety; either baked or boiled it is dry and floury, and has a rich, sweet flavor. In addition to its many other excellent qualities, we can strongly recommend it as being the nearest approach to a **blight and rot proof Potato** of any ever offered. Per lb., post paid, **40c.**, 4 lbs. **$1.00**; by express or freight, not paid, peck **$1.00**, bushel **$3.00**, bbl. (2¾ bushels) **$7.00.**

THE NEW POTATO CULTURE

By Elbert S. Carman, editor of *The Rural New Yorker*. This book gives the result of 15 years' experiment work on the rural grounds. How to increase the crop without corresponding cost of production. Manures and Fertilizers. The Soil. Depth of Planting. Seed. Culture. The Rural Trench System. Varieties, etc., etc. Price, cloth, 75c.; paper, 50c.

It has been proved conclusively that Potatoes cut to single eye give the largest and best results.

The Lightning Potato Eye Cutter

does the work many times faster and is more accurate than the knife It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant, you should use this cutter. Full directions How to plant Potatoes Cut to One Eye, and valuable points in POTATO CULTURE, "by a Practical Potato G. ower," given with each Cutter. **Price 30 cents,** post paid.

Rhubarb, or Pie Plant

One ounce will produce about 500 plants.

CULTURE.—Sow in April in drills one inch deep and one foot apart; when the plants are three to four inches high, thin out to 10 inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Myatt's Linnæus, one of the best for family use, thin skin, very early and productive. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Victoria, similar to the preceding, but more acid and productive. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Roots of the above, each 25c., per doz. $2.

SPINACH

One ounce will sow 100 feet of drill; 10 lbs. for one acre.

CULTURE.—A well known annual esculent, one of the easiest culture in any rich ground. Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use. It is excellent for greens.

Extra Large Leaved or Giant Flanders, a splendid variety with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Per pkt 5c., oz. 10c., 2 oz 15c., ¼ lb. 20c., lb. 40c. (See Cut.)

Round Leaf or Summer, the main market sort, equally good for either fall or spring sowing. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Long Standing. Except in the characteristic of standing a long time before running to seed, this variety in al other respects closely approaches the well-known Round Leaf. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Prickly or Fall, stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Bloomsdale Large Curly, Savoy Leaved, new and excellent, tender and fine flavored. Pkt. 5c., oz. 10c., 2 oz. 15c. ¼ lb 20c., lb. 40c.

Large Mountain Orach, or French Spinach, cultivated and used like Spinach. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $1.50.

Perennial (Rumex Patientia), sow in spring and fit for use in autumn; quite hardy. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

New Zealand (Tetragonia), perennial, fit for use the first year, must be slightly protected during winter. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $1.50.

Salsify, or Vegetable Oyster

One ounce will sow 50 feet of drill.

CULTURE.—The directions for sowing and cultivating carrots, given on page 7 apply also to Salsify. The roots of this vegetable are stewed like other vegetable roots, or half boiled and grated fine, made into small flat balls, dipped into a batter, and fried like oysters. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing in warm water for twelve hours.

Mammoth Sandwich Island, this variety is of enormous size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Long White, the standard variety. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

SQUASH

One ounce will plant 50 hills.

CULTURE.—Prepare the hills the same way as directed for cucumbers, on page 13; the bush varieties should, of course, be planted closer together than those with long vines.

Marblehead, flesh lighter in color than the Hubbard, while its combination of sweetness, dryness and delicious flavor, is something really remarkable. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

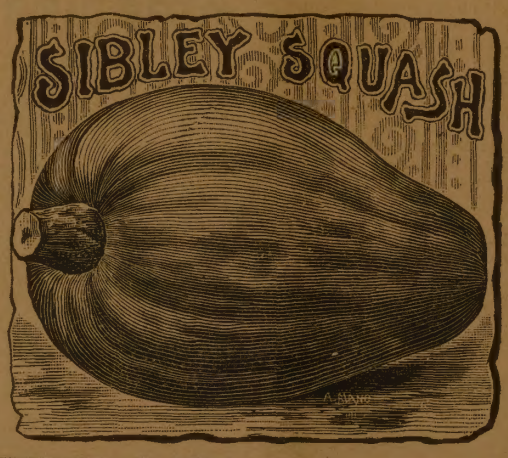
The Faxon Squash. (See Novelties.) Pkt. 15c., 2 pkts. 25c., oz. 40c., ¼ lb. $1.25.

Long Island White Bush. (See Novelties.) Per pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Essex Hybrid, rich flavored, fine grained and sweet; flesh very thick, rich colored and solid; it is very early. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Mammoth Sandwich Island Salsify.

Large Leaved Giant Flanders.



SQUASH—*Continued.*

Boston Marrow, fine, large and sweet; it keeps well in winter, and will boil dry as a potato. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Hubbard, best variety for keeping through the winter, and one of the finest flavor. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Bay State. Extremely solid, of heavy weight, fine and dry flesh, of sweet flavor, of a beautiful bright golden yellow, very handsome; shell extremely hard and flinty, an excellent keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Vegetable Marrow, well known variety, fruit oblong, skin greenish yellow, flesh white, soft rich flavor. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.25.

Long White Bush Vegetable Marrow. A decided improvement on the old trailing vegetable marrow. The fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.25.

Perfect Gem, excellent both for summer and winter use. Wonderfully productive. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Sibley. It is claimed that this will supplant the Hubbard. Flesh very thick, of a brilliant orange color. In quality it is dry, and of a rich delicate flavor peculiarly its own. Weighs from 8 to 11 pounds. Ripens with the Hubbard, but is more prolific. Keeps into spring. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Fordhook Squash. This squash is extremely handsome, of a bright yellow outside, and straw-yellow within. The flesh is dry and sweet and the best in quality of all Winter Squashes. It matures early, and is everywhere a sure cropper, being earlier in ripening than any other Winter Squash. Immensely productive. Another feature is that the green Squashes can be used at any stage of their growth and in flavor are superior to any Summer Squash. Per pkt. 5c., oz. 20c., 2 oz. 35, ¼ lb. 60c., lb. $2.25.

Summer Crookneck, early, productive and of good quality, fruit orange yellow. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

Bush Scollop, yellow and white. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c. lb. $1.

Bush Scollop, Green Striped, fine grained and well flavored. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.

Warted Marrow, very good quality, fruit of medium size, flesh orange-colored and netted all over with gray warts. Per pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Turban, or Turk's Cap, a most excellent late variety for table; flesh orange yellow, fine-grained, well flavored. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

LARGE MAMMOTH YELLOW, grows to an immense size, often weighing 200 lbs., excellent for all uses. Per pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Large Mammoth Green, growing to an immense size. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.25.

Scorzonera, or Black Oyster Plant

One ounce will sow 50 feet of drill.

CULTURE.—Cultivated the same as carrots or salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.

Sea Kale

One ounce will produce about 300 plants.

CULTURE.—Cultivated for its blanched shoots, which are cooked as Asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. As this vegetable is only used when blanched, like Celery, the plants must be excluded from the light by covering up with leaves or litter.

Roots of the above, each 25c., doz. $2.50.

Sea Kale Seed. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.

Tobacco

Connecticut Seed Leaf, seed offered has been saved from selected plants. Pkt. 5c., oz. 40c., 2 oz. 75c., ¼ lb. $1, lb. $3.

Virginian Seed Leaf, seed offered has been saved from selected plants. Pkt. 5c., oz. 60c., 2 oz. $1, ¼ lb. $1.50, lb. $3.50.

Ignotum. Atlantic Prize. The Stone. Mitchell's No. 1. Early Ruby.

Tomato

One ounce will produce 1,000 plants.

CULTURE.—Sow in a hot-bed, green-house, or window in a sitting-room, where night temperature is not less than 60 degrees, about the first week in March, in drills five inches apart and half an inch deep When the plants are about two inches high they should be set out in boxes three inches deep, four or five inches apart, in same temperature, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

Ignotum.—A variety worthy of general cultivation. The fruit is very uniform in size and shape, rather flat and bright red in color. It is very prolific, and though not (as some claim) a first early variety, it is valuable in all other respects. Per pkt. 10c., oz. 50c., 2 oz. 80c., ¼ lb. $1.50, lb. $4.

Early Ruby.—The great value of this variety lies in the fact that it is by far the *earliest* of all the *large-sized* Tomatoes which combine *good form, color* and *solidity*, and it is certain to prove the *leading* market variety. The peculiar open habit of the plant is a distinctive feature of this variety, and is the reason why it is earlier than any other variety, the sun having a better chance to reach and ripen the fruit than in more upright and compact varieties. Pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Atlantic Prize, the very earliest of all Tomatoes. This new Tomato ripens fully two weeks ahead of all others and is the result of many years' careful selection. The fruit is borne in immense clusters. Each vine produces from sixty to eighty large, perfect fruits, very solid and of the finest quality, being unusually free from core and seeds. It is by far the most valuable market variety ever introduced, and is so pronounced by every gardener who has grown it the past season. Pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

The "Mikado."—The Mikado differs from all others in its immense size—the tomatoes are produced in immense clusters, and are perfectly solid. The color is purplish red. Whether for slicing or for cooking purposes the quality is most excellent. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

The New Peach.—This is the most delicious and the most handsome Tomato ever introduced, having an appetizing fruity flavor not met with in any other. The fruit is of uniform size, and resembles a peach in shape, size and color, which is a deep rose and orange amber beautifully blended, and covered with a delicate bloom or furze, like a peach. The skin is very thin and can be peeled off like that of a peach. The entire fruit is tender and free from core, even around the stem, and taken in all this is a vegetable which should have a place in every garden. Per pkt. 10c., oz. 50c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.

Volunteer.—An early Tomato, of attractive color and uniformly good size. Of perfect form, a continuous bearer; ripens well to the stem, and is entirely free from hard core. Per pkt. 10c., oz. 50c., 2 oz. 80c., ¼ lb. $1.50, lb. $4.

Dwarf Champion.—Its habit of growth is dwarf, self-supporting when laiden with fruit; very early; the fruit resembles the Acme, and is always smooth and symmetrical in form. Pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Ponderosa. See Novelties. Pkt. 10c., oz. 50c., 2 oz. 80c., ¼ lb. $1.50, lb. $4.

Beauty.—A very fine variety, of beautiful crimson color, very early and derives its name from the beautiful shape of the tomato which is perfectly smooth; it is also very productive. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Optimus.—This ripens evenly and holds its size to the end of the season, very prolific, good flavor, few seeds, flesh solid, bears shipping, color is a bright crimson. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Mitchell's No. 1.—A new variety of Canadian origin, described as very prolific, early and good color and shape; highly recommended. Per pkt. 10c., oz. 50c., 2 oz. 80c., ¼ lb. $1.50, lb. $4.

Early Mayflower, the earliest of the large varieties, globular in shape, perfectly smooth, rich flavor, prolific, the best for market gardeners. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Early Conqueror, an improved variety, of dwarf growth, very good bearer, fruit smooth and in clusters; ripening somewhat earlier than any other kind. Per pkt. 5c. oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Canada Victor. This variety is not the earliest but is of large size and exceedingly symmetrical and handsome, a fine variety for canning purposes. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Perfection, larger in size than the Acme, of blood-red color, as early as Canada Victor, almost round in shape, perfectly smooth, very solid and productive. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Table Queen. The "Table Queen" is the largest and heaviest smooth Tomato ever offered, being as large as the Mikado, but perfectly smooth and round. For slicing it is the Tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color of the "Table Queen" is a rich shade of crimson, and of a most agreeable acid flavor. This will doubtless prove to be the most satisfactory Tomato for private gardens that has been sent out in many years. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

The New Stone Tomato. Ripens for main crop; is very large, and of bright scarlet color; very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm; fine for canning and a good keeper; without hard core; not subject to rot; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit. We believe it to be the coming Tomato for market gardeners and canners. Per pkt. 5c., oz. 30c., 2 oz. 55c., quarter lb. $1, lb. $3.

Table Queen.

Favorite. One of the largest and most perfect shaped varieties, ripens evenly and early; very prolific, good flavor, few seeds, flesh solid; bears shipping well. Per pkt. 5c., oz. 30c., 2 oz. 55c., quarter lb. $1, lb. $3.

Early Acme, smooth, firm, fine flavored and very prolific, crimson-colored fruit, one of the finest for market and early. Per pkt. 5c., oz. 30c., 2 oz. 55c., quarter lb. $1, lb. $3.

Trophy, Simmers' Selected, good for home and market use, has long been a favorite. Per pkt. 5c., oz. 35c., 2 oz. 60c., quarter lb. $1, lb. $3.

YELLOW VARIETIES

Golden Queen Large Smooth Yellow, excellent flavor and sweet, very productive. Per pkt. 10c., oz. 50c., 2 oz. 80c., quarter lb. $1.50, lb. $4.

Yellow Peach, very distinct, fruit of medium size, resembling a peach in shape, size and bloom, color yellow. Per pkt. 10c., oz. 50c.

PRESERVING VARIETIES

Small Yellow Cherry, for preserving. Per pkt. 10c., oz. 50c., 2 oz. 75c., quarter lb. $1.25, lb. $4.

Yellow Plum, for preserving. Per pkt. 10c., oz. 50c., 2 oz. 75c.

Small Red Cherry, for preserving. Per pkt. 10c., oz. 50c., 2 oz. 75c., quarter lb. $1.25 lb. $4.

Strawberry, or Ground Cherry (*Physalis Alkekengi*). Excellent for preserves. Per pkt. 10c., oz. 60c.

Barbadoes Gooseberry, or Mexican Tomato, fruit is round, and of a rich, orange yellow color, enclosed in a capsule. Pkt. 10c., oz. 50c., 2 oz. 75c.

New Book—"Livingston and the Tomato." Practical instructions for growers. Contains 176 pages, $1 15.

HERB SEED SWEET, POT AND MEDICINAL.

A few pot and sweet herbs (for flavoring soups, etc.) are indispensable to every garden, while some of the medicinal herbs will also be found very useful. Herbs in general love a mellow and free soil, and care should be taken in properly harvesting them in a dry state. The chief points are to cut them on a dry day when not quite in full blossom, and to dry them quickly in the shade in a secure place, and when dry to pack them close in dry boxes or vessels, keeping them entirely excluded from the air. The varieties marked with an * are perennial, and when obtained in the garden may be preserved for years with but little care.

Anise (*Pimpinella Anisum*). Used for cordial, garnishing and flavoring; the seeds have an agreeable aromatic taste. Per pkt. 5c., oz. 20c., qr. lb. 35c., lb. $1.25.

***Balm** (*Melissa Officinalis*). The leaves have a fragrant odor, and are used for making a pleasant beverage, known as Balm wine, also for Balm tea, for use in fevers. Per pkt. 5c., oz. 40c., qr. lb. 75c., lb. $2.50.

Basil Sweet (*Ocymum Basilicum*). The leaves are used for flavoring soups, stews and highly-seasoned dishes. Per pkt. 5c., oz. 40c., qr. lb. 75c., lb. $2.50.

Borage (*Borago Officinalis*). Leaves used for flavoring, and flowers furnish bee pasture; most easily grown in any waste place. Per pkt. 5c., oz. 30c., qr. lb. 75c., lb. $2.50.

***Caraway** (*Carum Carui*). Grown for the seeds, which are extensively used for flavoring bread, pastry, soups, etc. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 25c., lb. 75c.

Coriander (*Coriandrum Sativum*). The seeds form an important article of commerce; they are used in the manufacture of liquors, in confectionery and numerous culinary preparations. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 40c.

Dill (*Anethum Graveolens*). The seeds have an aromatic odor and warm pungent taste. They are used as a condiment, and also *for pickling with cucumbers*. Per pkt. 5c., oz. 20c., qr. lb. 35c., lb. $1.25.

***Fennel Sweet** (*Anethum Fœniculum*). The leaves are ornamental; when boiled they are used in fish sauces. Per pkt. 5c., oz. 20c., qr. lb. 50c., lb. $1.75.

***Horehound** (*Marrubium Vulgare*). The leaves are used for seasoning, and also in the manufacture of the popular cough remedy. Per pkt. 5c., oz. 40c., qr. lb. 75c., lb. $2.50.

Hop Seed. Per pkt. 5c.

Hyssop, perennial, 2 feet high. A useful herb. Per pkt. 5c., oz. 30c., qr. lb. 75c., lb. $2.50.

***Lavender** (*Laveudula Vera*). An aromatic, medicinal herb. Per pkt. 5c., oz. 30c., qr. lb. 75c., lb. $2.50.

Lemon Thyme, perennial, 6 inches. Pkt. 10c., oz. $1.

Lovage, perennial, 5 feet. Pkt. 5c., oz. 20c., qr. lb. 75c., lb. $2.50.

Marjoram Sweet (*Origanum Marjoram*). The leaves and the ends of the shoots are highly esteemed for seasoning, both in summer and also dried for winter use. Per pkt. 5c., oz. 40c., 2 oz. 75c., qr. lb. $1.25, lb. $4.

Mint, perennial, 1 foot high. Per pkt. 10c.

***Pennyroyal** (*Mentha Pulegium*). The *true pennyroyal* is but little known. Besides its pleasant agreeable odor and flavor *it is well worth cultivating as a carpet plant.* It forms a dense mass of bright green foliage particularly suited for rock work or wherever an unbroken mass of green is needed, and is worthy of a trial *for lawn use under trees.* Per pkt. 10c.

Peppermint. Per pkt. 10c.

***Rosemary.** An aromatic, ornamental herb, of which the leaves are used for seasoning. Per pkt. 5c., oz. 75c., qr. lb. $2.50.

***Rue** (*Ruta Graveolens*). For medicinal purposes, good for fowls, and for the croup. Per pkt. 5c., oz. 50c., qr. lb. 75c., lb. $2.

***Rampion,** perennial, 6 inches. Per pkt. 5c., oz. 30c.

***Sage** (*Salvia Officinalis*). The most extensively used of all herbs for seasoning and dressing; indispensable. Per pkt. 5c., oz. 20c., 2 oz. 40c., qr. lb. 75c., lb. $2.50.

Sage, broad leaved perennial, 1 foot. Per pkt. 5c., oz. 20c., 2 oz. 40c., qr. lb. 60c., lb. $2.00.

Sorrel, perennial 6 inches. Per pkt. 5c.

Summer Savory (*Satureia Hortensis*). The leaves and flowers are extensively used for flavoring, particularly in soups and dressings. Per pkt. 5c., oz. 20c., 2 oz. 35c., qr. lb. 60c., lb. $1.50.

***Tansy** (*Tanacetum Vulgare*). For medicinal use. Per pkt. 5c., oz. 50c.

Tarragon (*Artemisia Dracunculus.*) A plant with numerous branching stems, bearing lanceolate leaves, possessing a very delicate, aromatic flavor, particularly valuable for seasoning, or in a green state for mixing with salads. Per pkt. 10c.

***Thyme** (*Thymus Vulgaris*). The leaves and young shoots are used for seasoning; a tea is also made of the leaves, which is a popular remedy for nervous headache. Per pkt. 5c., oz. 50c., 2 oz. 75c., qr. lb. $1.25, lb. $4.50.

***Winter Savory** (*Satureia Montana*). The leaves and young shoots are used for flavoring. Per pkt. 10c., oz. 50c.

Wormwood (*Artemisia Absinthium*). Used medicinally, and is beneficial for poultry. Should be planted in poultry yards. Per pkt. 5c., oz. 50c.

New Mammoth Sage Plants. The plants are very strong growing, the first season attaining 1 foot in height, and spreading so that a single plant covers a space of 3 feet. The leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers, and never runs to seed. Price, 2 plants for 25c., 5 for 50c., each 15c.; mail, postpaid.

Table Turnips

One ounce will sow 150 feet of drill; two pounds will sow an acre.

CULTURE.—For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. For succession, sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible, and the success of the crop in a great measure depends upon quick germination, and a rapid and free growth at first.

Extra Early Milan, a strap leaf variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white, with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 30c., lb. $1.00

American Breadstone (Burpee's). This is a new and most desirable Table Turni .The roots are of medium size, very quick growing and quite smooth, white with faint colored top. The flesh is perfectly white, fine grained, and cooks in only fifteen minutes, tender and sweet, it is the finest Turnip for Winter and Spring use we have ever seen. Per pkt. 5c., oz. 10c., 2 oz. 20c., qr. lb. 30c., lb. $1.

Early Golden Ball, or Orange Jelly, a rapid grower, excellent flavor, globe shape. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 60c.

Early White Milan Turnip. See Novelties. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 30c., lb. $1.

Early Snow Ball, small, solid, sweet, crisp and very early. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 50c.

Early White Flat Dutch, an excellent variety, the best for spring sowing. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 60c.

Early White Stone, an early garden variety, clear white, medium size, delicate flavor and quick growth. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 50c.

Early Red Top, Strap-Leaved, the best for market gardens. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 35c.

Early White Nimble Dick, one of the best for market and general use, fine flavor and very early. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 60c.

Early Yellow Stone, splendid for table use and late growing. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 60c.

Early Maltese, an early variety of fine flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 25c., lb. 75c.

"Simmers'" Early Melting Swede, an excellent distinct variety, particularly suited for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all **market gardeners** and **private gardeners** to be the finest grained, best keeping table Swede Turnip in cultivation. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 20c., lb. 40c.

For Field Turnips see "Agricultural and Farm Seeds" further on.

Wild Rice Seed

DIRECTIONS FOR SOWING.—"Put the rice in coarse linen or cotton bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible."

Wild Rice (Zizania Aquatica). A native of our northern district. Valuable as a forage plant for swamps and inundated lands. Stock of all descriptions are fond of it when green, and also when cured for fodder. It is also valuable to the sportsman as a bait for wild fowl. The Indians of the lake region of the Northwest, as is well known, make great use of this Zizania as an article o food, gathering it by beating it off into their canoes, and curing it for winter food, the rice having been found to be of superior flavor. Per pound 35c., 10 pounds or over 25c.

Winter Cherry

Winter Cherry. For sowing and cultivating observe the directions given for "Pepper" on page 18. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit in some countries, and is particularly pleasant for tarts. Per pkt. 10c.

Bird Seeds and Requisites

Canary Seed (3 lbs. 25c.)	lb. $0 10	Maw or Poppy Seed	lb. $0 30
Hemp Seed, Russian (3 lbs. 25c.)	" 10	Lettuce Seed	" 30
Mixed Bird Seed (3 lb. pkts. 25c.)	" 10	Silver Washed Bird Gravel (3 lbs. 10c.), mail	23
" " (in 1 lb. pkts.)	" 10	Mocking Bird Food, per bottle	30
Millet Seed, Chinese	" 5	Peter's Treat Song Restorer per pkt	30
Sunflower Seed (3 lbs. 25c.)	" 10	Bird Lice Destroyer and Bellows eh.	30
Cuttlefish Bone (per oz. 10c.)	" 50	Simmers' Canary Powder, bottle	25
Rape Seed, German (3 lbs. 25c.)	" 10		

Meal Warms for Insect-Eating Birds, per 100 30c., 1,000 $2.50, postage paid.

Bird Seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs., at lowest market prices, and of the finest quality.

American Bird Fancier, a very useful and instructive work on the care of birds, price 75c.

Simmers' Vegetable Plants.

WELL GROWN. THOROUGHLY HARDENED. WELL PACKED. TRUE TO NAME.

By Mail or Express. Prices are Subject to Change.

The fact that these Plants are all grown from choicest stocks of Seeds, by an experienced market gardener, is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every Planter.

When Plants are to be sent by Mail ADD POSTAGE at the rate of 25 cents per 100 to prices of Cabbage, Celery and Cauliflower, and 40 cents per 100 to prices of Tomatoes.

	PER 50	PER 100	PER 1000
Cabbage Early,—Ready April 20th to 30th			
Early Jersey Wakefield	40	75	4.50
Simmers' German Brunswick	40	75	4.50
Henderson's Early Summer	40	75	4.50
Cabbage Late,—Ready June 1st.			
Simmers' German Brunswick	25	40	2.50
Surehead	20	30	2.50
Savoy Drumhead	20	30	2.50
Red Drumhead	25	40	2.50
Celery.—Ready June 1st.			
White Plume	50	1.00	
Paris Golden Yellow	50	1.00	
Celery.—Ready June 20th.			
Paris Golden Yellow	35	60	3.50
White Plume	35	60	3.50
Simmers' Large Ribbed White	35	60	3.50

	PER 50	PER 100	PER 1000
Cauliflower.—Ready April 20th to 30th.			
Early Dwarf Erfurt	75	1.25	
Early Snowball	75	1.25	
Cauliflower.—Ready May 20th to 30th.			
Early Snowball	45	85	5.75
Demi-dur	30	50	4.00
Le Normand	30	50	4.00
Pepper, Long Red ..... per doz. 20c.	60	1.00	
Tomato.—Ready May 15th to 30th. PER DOZ.			
Ignotum	25	60	1.00	5.50
Mikado	25	60	1.00	5.50
Dwarf Champion	25	60	1.00	5.50
Table Queen	25	60	1.00	5.50
Above varieties of Tomato Plants will be supplied after June 10th at	20	50	90	5.00

We shall be pleased to make Special Prices on large quantities.

TREE SEEDS

Deciduous and Evergreen, Ornamental, Shade, Forest, Hedge and Fruit.

"Trees can be as easily grown from seeds as the most common vegetable."—FULLER.

CULTURE.—Sow early in spring, in well prepared beds, about two inches deep; when the seeds begin to germinate, cover the beds lightly with pine boughs, to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are srong enough, remove them to where they are intended to remain.

Apple Pips. Per oz. 5c., ¼ lb. 15c., lb. 50c.

Arbor Vitæ, American (*Thuya Occidentalis*). A small tree about 30 feet high; popular for hedges, screens, etc. Per pkt. 10c., oz. 30c., lb. $2.75.

RED DEER, March 13th, 1893.

DEAR SIR,—I have sowed Simmers' Nonpareil Cabbage Lettuce Seed that was four years old, which grew to an enormous size, some of them grew 15 inches in diameter and lasted until the 27th of September in this cold climate. Yours truly,

MRS. ROBT. MCCLELLAND.

Barberry (*Berberis Vulgaris*). One of the best hedge plants grown. It is very hardy, and forms a dense shrub of from four to eight feet high, covered with sharp, stout prickles. Per pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

Beech (*Fagus Ferruginea.*) A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Per pkt. 10c., oz. 15c., lb. $1.

Black Thorn (*Prunus Spinosa*). Per pkt. 5c., oz. 10c., lb. $1.

Black Walnut (*Juglans Nigra*). Grows rapidly in good rich soil. The nuts should be planted in the fall. Per lb. 10c., postpaid 15c.; peck 75c., bush. $2.

Catalpa, Hardy Western (*Catalpa Speciosa*). A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more; it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. A valuable tree. Per pkt. 10c., oz. 35c., ¼ lb. $1, lb. $4.

Honey Locust (*Gleditschia*). A well known tree, of ornamental and graceful appearance, extensively used for hedges. Pkt. 5c., oz. 10c., lb. 50c.

Sugar, Maple (*Acer Saccharinum*). A beautiful, as well as a valuable, rapid growing tree, preferring a calcareous soil. Pkt. 5c., oz. 10c., lb. $1.25.

Mountain Ash (*Pyrus Americana*). Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt. 5c., oz. 10c., lb. $1.

Norway Spruce (*Abies Excelsa*). A very popular hedge evergreen, extensively used for sheltering and screens. Per pkt. 5c., oz. 10c., lb. $1.

Osage Orange (*Maclura Aurantiaca*). A well-known hedge plant; native of the Southern States. Per pkt. 5c., oz. 10c., lb. 75c.

Pear Seed. Per pkt. 10c., oz. 25c., lb. $2.50.

Pine, Austrian (*Pinus Austriaca*). One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Per pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.

Pine, Scotch (*Pynus Sylvestris*). One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Per pkt. 5c., oz. 25c., ¼ lb. 50c., lb. $1.50.

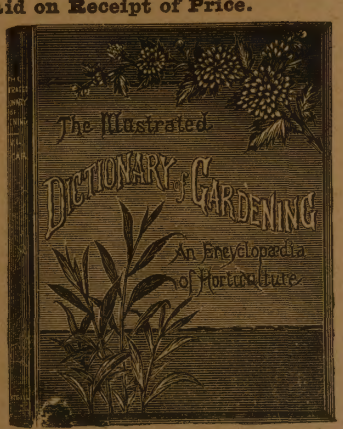
Pine, Sugar (*Pinus Lambertiana*). This magnificent tree grows to the height of 300 feet, and endures the cold of the North West without injury. Per pkt. 10c., oz. 50c., lb. $5.

Quince (*Cydonia Vulgaris*). Small, irregular trees, bearing an excellent fruit for preserves and jellies. Per pkt. 5c., oz. 20c., lb. $2.

Russian Mulberry. A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Per pkt. 10c., oz. 35c., ¼ lb. $1, lb. $4.

Agricultural and Horticultural Books.

All Books Sent Postpaid on Receipt of Price.



Art of Propagation. Treats of trees and plants	$0 75
Allan's New American Farm Book	2 50
Amateur Flower Garden	2 50
" Greenhouse and Conservatory	2 50
" Rose Book	2 50
American Bird Fancier	75
Asparagus Culture	50
Barry's Field Notes on Apple Culture	1 00
Barry's Fruit Garden, new edition	2 00
Cauliflowers, and How to Grow Them [Brill]	25
Cabbage, Treatise on [by J. H. Gregory]	30
Canadian Bee Journal, per annum	1 00
Dairymen's Manual, Practical Treatise on the Dairy	2 25
Every Woman Her Own Flower Gardener. A handy manual of flower gardening for ladies	1 00
Farming for Boys	1 25
Fern Book for Everybody	75
Farm Conveniences, 200 engravings	$1 50
Flowers for the Parlor and Garden	2 25
Flax Culture	40
Farming for Profit. A practical work	3 00
Fuller's Grape Culturist	1 50
Fuller's Small Fruit Culturist	1 50
Garden and Farm Topics, by Peter Henderson. Fully illustrated; 244 pages	1 00
Gardening for Pleasure, new, revised and enlarged edition	2 00
Gardening for Profit, new, revised and enlarged edition	2 00
Gardening for Young and Old. by J. Harris	1 25
Handbook on the Grasses of North America. Treats on the origin and nature of every known variety of grass, and the best varieties to select for seeding down grass lands for pastures	1 75
Harris' Talks on Manures	$1 75
Henderson's New Handbook of Plants. Contains about 1,000 illustrations	4 00
Heinrich's Window Flower Garden	75
How the Farm Pays, by Peter Henderson. Profusely illustrated; 400 pages	2 50
Hop Culture	30
Hardy and Tender Bulbs	2 25
Husmann's Grape Growing and Wine Making	1 75
Injurious Insects of the Farm and Garden	2 25
Johnson's How to Plant. A most useful little handbook, illustrated	60
Johnson's Winter Greeneries at Home	1 00
King's Beekeeper's Text Book	1 25
Mushroom Culture, by Robinson	50
Mushrooms: How to Grow Them, by Falconer	1 50
Mangolds, Treatise on, by J. H. Gregory	30
Money in the Garden, by P. T. Quinn. A practical work, illustrated	1 50
Onions, and how to raise them profitably	30
Our Farm of Four Acres, and the money we made by it	30
Parsons on the Rose, new and revised edition	1 00
Peach Culture, Fulton	1 75
Pear Culture for Profit	1 25
Poultry Raising and management of	50
Practical Forestry, by A. S. Fuller, cloth, illustrated	1 50
Phin's Open Air Grape Culture	1 00
Practical Floriculture, Henderson	1 50
Propagation of Plants	1 75
Roe's Play and Profit in my Garden	1 75
Saunders' Insects Injurious to Fruits	2 25
Strawberry Culturist, illustrated	30
Successful Floriculture, by a practical florist	1 00
The Illustrated Dictionary of Gardening, Nicholson's. A complete Encyclopedia of Horticulture, in 4 volumes, carriage extra	20 00
The "A. B. C." of Agriculture	60
Wallace's Notes on Lilies. An interesting and valuable book on the Lily, indispensable to bulb growers, illustrated, cloth, 215 pages	2 50
Your Plants. Plain and practical directions for the treatment of tender and hardy plants in the house and garden	40

Simmers' Agricultural and Farm Seeds

We hold a very large and carefully selected stock of Agricultural Seeds of the most reliable quality, and unequalled in Canada.

Successful Farming Mainly Depends on Good Seeds.—We attribute the large annual increase in our trade with the farmers in all portions of the Dominion, to the careful selection of our extensive stocks and to the personal supervision we give to their orders. Considering the continued unfavorable conditions attending the seed harvest of 1893, our prices will be found as moderate as seeds can be sold by any house with whom quality is a factor in deciding the value.

In submitting our annual list of Farm Seeds to the agriculturists of the Dominion of Canada, we take pleasure in calling attention to the fact that our extensive stock of Seeds have, as usual, received the most careful supervision wherever grown by contract for our own sale; and when otherwise obtained, special care and attention have been given to the selection of only such stocks as we have confidence in recommending as likely, with a reasonable degree of certainty, to give satisfaction when due allowance is made for any imperfection of weather, soil or cultivation.

AGRICULTURAL SEEDS BY MAIL.—Our postal arrangements enable us to forward parcels under five pounds weight to any Post Office in the Provinces of Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island, Manitoba, British Columbia, and the North-West Territory, at four cents per pound. **Please remit four cents in addition to the Catalogue prices of all varieties enumerated on page 1 to prepay postage.** Any number of packages can be sent to one address by mail.

SPECIAL.—We beg to direct the special attention of our agricultural friends and the public generally to the following select list of Agricultural Seeds, and to the fact that we devote the greatest care to this important branch of our business. In reviewing the results of our scrupulous and untiring efforts, during the period of thirty-seven years, to supply our numerous supporters with the choicest description of seeds to be had in the world, we have the gratification of knowing that they have never had reason to complain of any loss or disappointment occasioned through any fault of ours. We therefore trust that they will, as heretofore, continue to extend to us a liberal share of their patronage, as we have every confidence that in doing so they will best serve their own interests.

CONDITIONS OF SALE.—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. We spare no expense and trouble in this matter, but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

NOTE.—The following quotations are for seeds of first quality. We shall be pleased to give special quotations to **Farmers, Stock Raisers or Clubs** requiring large quantities Agricultural and Farm Seeds.

SUGAR BEETS

FIELD VARIETIES

Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Six pounds of seed per acre: average yield, twenty to twenty-five tons per acre. For milch cattle they are most valuable.

Red Top Sugar, an excellent variety, growing to a very large size. Per ¼ lb. 10c., lb. 35c., 10 lbs. 32c. per lb.

White Silesian Green-Top. This is a productive, hardy and symmetrically shaped variety. The foliage is abundant, standing erect, so that it admits of close cultivation. The root is slender, being about three to four inches in diameter at the shoulder, and tapers gradually to a point. Will yield a crop of nearly twenty tons to the acre, containing about eight per cent. of sugar. Per quarter lb. 10c., lb. 35c., 10 lbs. at 32c. per lb.

Improved Imperial Sugar Beet. This is the most popular sugar beet for feeding cows, sheep or swine. It will yield as much as most Mangels and contains eight per cent. of sugar. Has yielded 30 to 40 tons per acre, at a cost of five cents per bushel. Per quarter lb. 10c., lb. 35c., 10 lbs. at 32 cents per lb.

CARROTS.—Field Varieties

Saved from carefully selected Stocks.

CULTURE.—Sow from the middle of April to the first of June in drills eighteen or twenty-four inches apart, and when about three inches high thin to four inches between each plant. *Sow four pounds of seed to the acre.* A fair average yield is from 800 to 1,000 bushels per acre.

SIMMERS' GIANT SHORT WHITE VOSGES

Ever since we first offered this carrot to our customers two years ago, it has rapidly grown in favor, till now we sell more of it than of all the other varieties put together. On its introduction we claimed it to be the equal, if not the superior of every white field carrot then before the public, and it has certainly fully proved all we said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very heavy cropper, in fact it is by far the heaviest of any we have heard of, and on account of its shape and of its smooth skin it is easily harvested. The above is a true description of the carrot we offer as our Giant Short White Vosges, and for its own qualities it should be grown by every one who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, excepting that the roots grow more to a point. When other varieties require digging, our Giant Short White Vosges can be pulled. Buy a pound and try for yourself, and you will not be disappointed. Per oz. 10c., quarter lb. 20c., lb. 60c.

Simmers' Giant Short White Vosges Carrot.

White Belgian. This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from one quarter to one-third of its length above the surface. The flesh is of a light green or bronze color above the soil, while that portion growing under ground is a yellowish white. Per oz. 10c., quarter lb. 15c., lb. 40c.

Yellow or Orange Belgian. The root grows about one-quarter of its entire length above the surface, and this portion is of a deep green color, while the portion growing below the surface is of a pale orange color. It is a good keeper. Per oz. 10c., quarter lb. 15c., lb. 50c.

Improved Long Orange or Surrey, a standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. It is of excellent table quality, and is highly nutritious for stock, increasing the flow of milk and improving its quality. Per oz. 10c., quarter lb. 25c., lb. 75c.

Altringham, a long red variety profitably sown for field or general crop. Per oz. 10c., 2 oz. 15c., quarter lb 30c., lb. $1.

Scarlet Intermediate, stump-rooted, very valuable variety for shallow soils. Per oz. 10c., 2 oz. 15c., quarter lb. 30c., lb $1.

MANGEL WURZEL

GROWN FROM SELECTED ROOTS

Mangels produce the largest roots and the largest crops on a given space of ground and therefore cannot be too highly recommended, crops having been raised of 100 tons to the acre. Cows fed with these roots yield a large quantity of milk in consequence; and this food does not impart any of the rank flavor which is communicated by turnips. From two to three pounds of seed are sown to the acre.

Improved Mammoth Prize Long Red Mangel (also called Norbitan Giant and Jumbo Mangel). The heaviest cropper and best long Mangel. This mammoth variety grows to an immense size, single roots weighing from 20 to 30 lbs. each, and always of very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained, without coarseness. Henry Hodgson, a customer of ours, raised on one acre, 55,750 lbs. of roots, from seed purchased from us. Per qr. lb. 15c., lb. 40c., for 5 lbs. and up, per lb. 35c.

Long Red, the old popular variety, yielding heavy crops. Per qr. lb. 10c., lb. 35c., for 5 lbs. and up, per lb. 30c.

Long Yellow, similar in growth to the preceding, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per qr. lb. 10c., lb. 35c., for 5 lbs. and up, per lb. 30c.

Champion Yellow Globe. This is one of the most generally grown of all the different varieties of Mangels, as it is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and is of an orange yellow color, though the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per qr. lb. 10c., lb. 35c., for 5 lbs. and up, per lb. 30c.

Golden Flesh Tankard. This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other Mangel. The special features are the rich, deep yellow color of the flesh, and its nutritious and milk-producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in a much better condition fed on hay and Golden Tankard Mangel alone, than if fed on hay, Yellow Globe Mangel, and four lbs. of linseed cake per day. Per qr. lb. 15c., lb. 40c., for 5 lbs. and up, per lb. 35c.

Mammoth Red Intermediate or Red Oval-Shaped Giant, very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during the winter. Per lb. 30c., for 5 lbs. and up, per lb. 25c.

Red Flesh Tankard, a very large and heavy cropper, with small top and single tap root, very solid and nutritious. Per qr. lb. 15c., lb. 40c., for 5 lbs. and up, per lb. 35c.

Mammoth Golden Giant or Yellow Intermediate. This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is of a beautiful russet yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Altogether, it is a magnificent root, easily lifted (growing more than half above the ground), producing enormous crops and is an excellent keeper. Per qr. lb. 15c., lb. 45c., for 5 lbs. and up., per lb. 40c.

CHICORY

Sow Chicory Seed in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is as a substitute for Coffee. The roots are cut and dried, and then roasted for adulteration with Coffee. An ounce of seed will sow about one hundred feet of drill, and from two to three pounds an acre.

Large Rooted Long Magdeburg. Per pkt. 5c., oz. 10c., 2 oz. 15c., qr. lb. 25c., lb. 60c.

Mangel Wurzels raised from our seeds have taken First Prize wherever shown, which speaks for the quality

Simmers' Selected Swedish Turnip Seeds

(GROWN FROM SELECTED ROOTS)

To the price of Turnip seed when ordered by mail add 4c. per pound for postage, and the seed will be sent at the prices quoted. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

The turnip crop having at all times in Canada been considered by careful farmers and breeders to be of the utmost importance, we have always exercised the greatest care in procuring the very best quality of seed from the European market, where the climate is more favorable for the extensive raising of the seed.

The following are some of the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the *most reliable growers*. The SWEDES are sown from May until the middle of July; the ABERDEENS and GLOBES from July to the latter part of August. *If sown broadcast, from one to two pounds are required to the acre; and if sown in drills, from two to four pounds are required to the acre.*

SIMMERS' CHAMPION Purple-Top Swede Turnip.

SIMMERS' CHAMPION PURPLE TOP SWEDISH. This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious variety in cultivation. It is a large purple-top yellow variety; shape slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, and keeps sound and good until late in the spring; flesh always rich and sweet in flavor. Per ¼ lb. 10c., lb. 25c., in 5 pound lots and over 23c. per lb.

ELEPHANT OR MONARCH SWEDE. The reports received during past years from all sections of Canada, pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield, compared with other well-known roots, have been from 2 to 6 tons more per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half a deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During the past season this variety has proved most satisfactory, so much so that we have every confidence in recommending "Elephant or Monarch Swede" to the farmers of the Dominion. Price per ¼ lb. 10c., lb. 35c., for 5 lbs. and over per lb. 30c.

Sutton's Champion Purple Top Swedish, one of the heaviest yielding varieties and a general favorite. Per ¼ lb. 10c., lb. 25c., for 5 lbs. and over per lb. 23c.

HIGHLAND PRIZE SWEDISH, a very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform in size Per ¼ lb. 10c., lb. 25c., for 5 lbs. and over per lb. 23c.

East Lothian Purple Top Rutabaga, a favorite variety, solid and not liable to run to necks. Per ¼ lb. 10c., lb. 25c., for 5 lbs. and over per lb. 23c.

Skirving's Improved Purple Top Swedish, large, of solid, strong and quick growth, suitable for clay ground. Per ¼ lb. 10c., lb. 25c., for 5 lbs. and over per lb. 23c.

Bangholm Improved Purple Top Swedish, large and solid, should be sown on rather heavy loam. Per ¼ lb. 10c., lb. 25c., for 5 lbs. and over per lb. 23c.

	¼ lb.	lb.	5 lbs. and over lb.
Ashcroft's Improved Purple Top Swedish, of fine grain, solid, and suitable for sandy ground as well as for heavy clay	10c.	25c.	23c.
Laing's Improved Purple Top Swedish, a globe-shaped variety, with small top and tap-root, suitable for sandy ground	10	35	30
Knowfield Purple Top Swedish, a large, solid variety, of oblong shape, and suitable for clay ground	10	25	23
King of the Swedes, very much like the preceding variety, but somewhat more uniform in size	10	25	23
Carter's Imperial Swedish, on properly prepared ground, never failing to produce a heavy crop of well shaped, solid roots	10	25	23
Scottish Champion Swede, fine large roots, and highly recommended for heavy soils	10	35	30
Hall's Westbury Swede, a very fine quality of Swede, and a good keeper, highly recommended	10	25	23
Fettercairn Green Top, one of the oldest and most extraordinary heavy yielding varieties on rich loamy ground	10	30	25
Shamrock Purple Top Swedish, producing on well prepared ground the heaviest and most uniform crop of well shaped roots	10	25	23
White Giant Purple Top Swede, a quite distinct sort of enormous size; preferred by many growers to the yellow varieties	10c.	30c.	25c.

Yellow and White Varieties

	Per ¼ lb.	Per lb.	For 5 lbs. & up per lb.
Aberdeen Purple Top Yellow, for sowing after the Swedes	10	35	30
Aberdeen Green Top Yellow, similar to the preceding, with green tops	10	35	30
Globe, White, for sowing after the Aberdeen, as late as August; large and solid	10	30	27
Greystone, a white variety, sown as late as the preceding	10	30	27
Improved Purple Top Mammoth, a variety producing a greater weight per acre than any other turnip, thrives well on poor soil, is of good quality, fine shape, excellent for early feeding, keeps well in winter if sown late	10	30	28

SIMMERS' CHAMPION PURPLE TOP AND ELEPHANT OR MONARCH SWEDE ARE STANDARD VARIETIES WITH CANADIAN FARMERS

Broad Leaved English Rape or Cole.

RAPE OR COLE

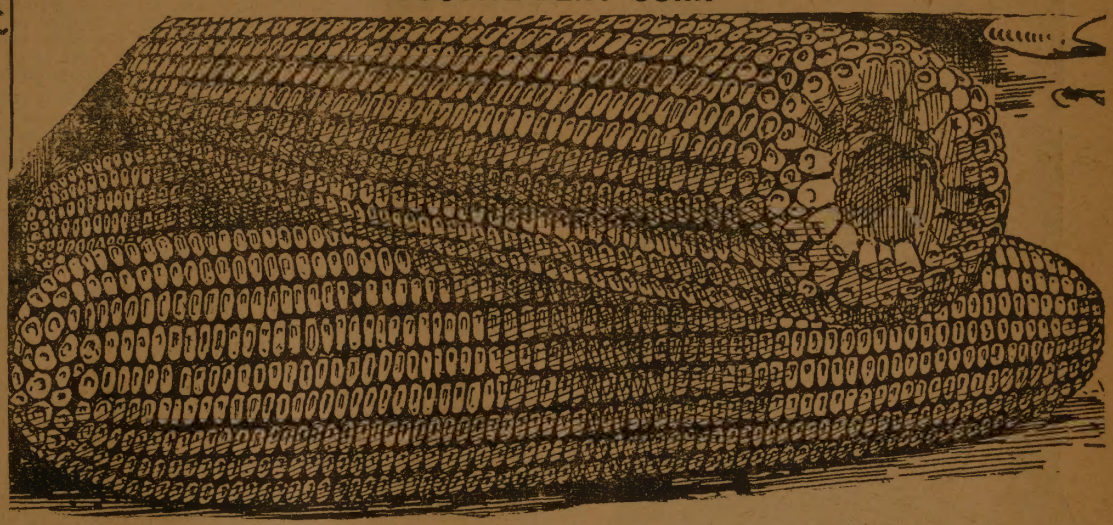
Those farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the Fall, can do it most cheaply by growing the Broad Leaved English Rape. It is also well suited for soiling by being sown broadcast in August and ploughed under. Sow about 3 to 4 pounds to the acre.

Large Leaved English, per lb. 10c., 10 lb. lots 90c., 25 lb. lots $2.00.

Simmers' Seed Corn for Fodder

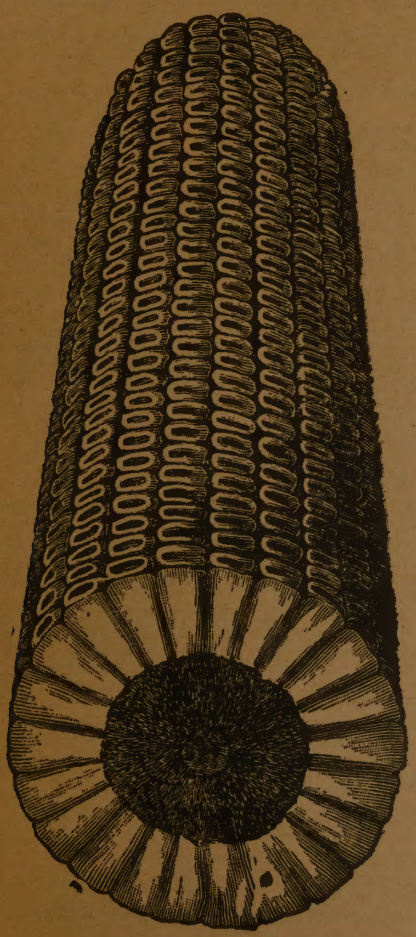
EARLY BUTLER The Best Corn for Farmers

THE BEST FIELD CORN, THE EARLIEST, THE HARDIEST, THE MOST PRODUCTIVE DENT CORN



THIS is without doubt the earliest and finest Dent Corn in cultivation, originating with an extensive corn grower in the northern part of Ohio, near Lake Erie. It is a cross from Pride of the North, grows good sized ears with long grains and very small cob, corn of a beautiful golden yellow color. **The Butler is adapted for high latitudes, and will mature farther north than any known variety.** Wherever it has been tried the satisfaction has been so perfect that it has taken the place of all other varieties, and has proven itself to be the best corn for the farmers of the north and north-west. On a farm with ten other well-known varieties, it beat them all as to weight before and after it was shelled, and also as to yield and earliness. Seventy pounds of ears yielded sixty-three and one-half pounds shelled corn, leaving only six and and one-half pounds of cobs. It grows strong and very quickly. Last season we had a large supply of this grand corn, but the demand was greater than was expected, and before the season was over our stock was exhausted. We are glad to state that our grower saved enough seed corn, and as the crod this year was a good one, we have on hand a large supply, and think we can fill all our orders this spring. IF YOU WANT THE EARLIEST CORN IN CULTIVATION PLANT THE BUTLER.

Price for 1894. Per lb. 15c., 4 lbs. 50c., postpaid. By Express or Freight, peck 50c., bushel $1.75, 2 bushels $3.25, 5 bushel or over $1.50 per bushel.



Early Huron Dent Corn.

Wisconsin Yellow Dent Corn.—This variety has been brought to its present nearly perfect type by careful selection, and is in every way one of the most desirable kinds. Average weight of ears, 9 to 10 oz., with many rows. There are generally from 8 to 20 and often as high as 21, kernels of a bright yellow color, cob red. Per peck 40c., bushel $1.50.

Wisconsin White Dent.—A standard pure white, medium size early Dent, maturing in about 100 days. Ears average 16 rows, grains extra long and wide, two of which will span the cob, which is unusually small for the size of the corn, and is generally white. The stalk is short and thick, with ears set low; roots deeply, thus easily withstanding severe storms and drouths. Peck 40c., bush. $1.50.

CORN LEADING FIELD VARIETIES

Extra Early Huron Dent Corn.—This is of a bright orange color, has good sized stalk and ear, small red cob and long deep grain, is very rich in oil and starch, and is the only smooth, very early Dent Corn we know of. Our supply is genuine, strictly pure and carefully selected, and will be sure to please all who give Extra Early Huron a trial. We take pleasure in offering Extra Early Huron Dent for the season of 1894, at the following reasonable prices: lb. 15c., 4 lbs. 50c., by mail postpaid. By express or freight, peck 50c., bushel $1.75, 2 bushels $3.25.

RURAL THOROUGHBRED WHITE FLINT

A new variety, of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade, and smallness of stalk recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per lb. (postpaid) 15c., 5 lbs. (postpaid) 50c., peck 50c., ½ bus. 90c., bus. $1.60, 2 bus. or over, $1.50 per bushel.

Compton's Early Yellow, a distinct early field variety, somewhat larger than the ordinary yellow. Per lb. (postpaid) 15c., peck 50c., bush. $1.75.

Early Yellow Canada, the earliest yellow, for field or table use. Per lb. (postpaid) 15c., peck 50c., bushel $1.50.

Angel of Midnight.—(One Hundred Day). An extra early eight rowed Yellow Flint variety; grains are very large and are compactly set on a very small cob. Per lb. (postpaid) 15c., 5 lbs. (postpaid) 50c., peck 70c., ½ bushel $1.00, bushel $1.80.

Longfellow.—An eight rowed Yellow Flint variety with ears 10 to 15 inches long, cob small, kernels quite broad. Per lb. (postpaid) 15c., 5 lbs. (postpaid) 50c., peck 60c., ½ bushel $1.00, bushel $1.80.

Early White Flint, very desirable for table use. Per lb. (postpaid) 15c., peck 50c., bushel $1.50.

Self Husking Corn. The ears are large, grain of an amber color. The main feature of the variety is its habit to strip itself clean of its husk when ripe. Per lb. (postpaid) 15c., peck 60c., bushel $2.

Liberal Premiums on all Seeds in Packets.—To induce our Patrons to form Clubs to purchase SEEDS in quantity, we will offer the following LIBERAL DISCOUNTS on all Seeds in packets:

Purchasers remitting	$1.00	may select Seeds in packets amounting to	$1.15
"	"	2.00	"	"	"	"	2 35
"	"	3.00	"	"	"	"	3.60
"	"	4.00	"	"	"	"	4.80
"	"	5.00	"	"	"	"	6.00

The above discounts apply to Seeds IN PACKETS ONLY but do not apply to ounces, pounds, etc.

Red Cob Ensilage Corn.

Crop 1893 Selected Ensilage Corn

CORN—Red Cob Ensilage. So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. This corn is especially adapted for Dairy Sections, both for green fodder and ensilage purposes. The yield is very large, the corn attaining an immense growth, in a short season. The seed is carefully selected, and the universal report is that nearly every kernel grows. Letters have been received from every direction, written by those who have used it, and all speak in the highest praise of the quality and quantity of fodder raised from this corn. From 20 to 50 tons to the acre is the verdict. Those using the fodder either from the field or silo, report the most satisfactory results, both as to the flow of milk and general condition of stock. Prices for lots of 3, 5, 10, 20 or 50 bushels, on application in season; values fluctuate. Per peck 30c., per single bushel 90c.

CORN—Mammoth Southern Sweet Ensilage—This variety is acknowledged by all to be the best variety for fodder and ensilage purposes; it is sweet, tender and juicy. The stock we offer was saved expressly for us. Peck 30c., bushel $1. For larger quantities price on application.

CORN—Paragon White Ensilage. This superior ensilage corn we can recommend, from experience, as being the heaviest cropping variety in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country with the best results. It is a pure white Dent corn of large size and handsome appearance. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable degree. Peck 30c., bushel $1. Larger quantities price on application.

CORN.—Yellow Horse-Tooth or Dent, largely used for feeding when green, yellow seeded. Peck 30c., bush. 90c. Market variable. Price on application for larger quantities.

Pride of the North (Early Golden Dent Corn).—This variety matures very early. The stalks usually grow from six to eight feet in height and produce from one to three good ears. Per lb. postpaid 15c., 5 lbs. postpaid 60c., peck 50c., bush. $1.50.

Leaming Corn.—The Leaming is a Dent variety; nearly always two good ears to each stalk. It withstands severe drouth by reason of its earliness in maturing, strong and vigorous growth, and its stalky and leafy nature which enables it to stand up until ripe. Per lb. postpaid 15c., 5 lbs. postpaid 60c., peck 50c., bush. $1,50.

Red Kaffir Corn. This grows taller than the White, the stalks are slenderer but more juicy and very leafy. The heads are long, slender, compact, and grow erect. The seed is red, smaller than that of the White and rather hard and brittle. This variety is one of the best drouth resisters among all the non-saccharine Sorghums. It does well on poor land and yields well. It ripens a little earlier, yields nearly twice as much as the White variety and is the best of all the non-saccharine Sorghums. Per pkt. 5c., lb. 25c., postpaid; per 5 lbs. $1 postpaid.

White Kaffir Corn.—One of the best things offered of late years, for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry, either fed in the grain or ground and cooked. The foliage and stalks make excellent forage. Per pkt. 5c., lb. 25c. postpaid, 10 lbs. $1.50.

WHEAT—Spring

We always endeavor to have on hand a full stock of choice Seed Wheat and from our extensive connection with farmers, are in a position to obtain the finest samples grown.

CAMPBELL'S WHITE CHAFF. It is a bald wheat, club shaped, with a compact and rather heavy head, well filled to the top, and is a good thrifty grower, stooling profusely, for which reason 5 pecks of seed is quite sufficient for an acre. It grows a strong straw about 3 feet high. It is claimed to be one of the earliest Spring Wheats in cultivation, matures from 10 days to 2 weeks earlier than other standard varieties. The grain is white, thin-skinned, and very plump. Per lb postpaid 20c., 5 lbs. postpaid 75c., peck 50c., bush. $1.50. 2 bush. or over at $1.20.

Triumph. This is a very desirable variety of Red Wheat and one which is deserving of extended cultivation. The heads are square, rather short, somewhat resembling The Club and always well filled with grain of a very dark red color. The straw is strong and stands up well and matures some days earlier than the White Russian. The Triumph is not exactly a novelty, as it has been grown in some sections for a good many years and has given the best satisfaction. Per peck 40c., bush. $1.40, 10 bushels $13.

"The Mars."—We desire to draw special attention to this excellent and worthy variety of spring wheat; it was first offered three seasons ago, having then only 4 bushels for sale, the lot having been sold by the pound only. It has proved since to be of valuable milling properties, being a reddish berry, small and plump, stiff straw, with a large yield per acre, having yielded on one of our test farms 40 bushels of wheat, fit for seed, per acre. *We confidently recommend "The Mars" Spring Wheat.* Per lb. 15c. post free, peck 40c., bushel $1.30.

Colorado Spring Wheat. The introducers of this variety say: "It is a light amber wheat, rather short, thick berry; the heads are a good deal like the Champlain, but a little thicker set; white straw and chaff; stands up well and ripens very early. The last time we grew the Champlain in the same field with the Colorado, the latter was cut and in the barn before the Champlain was cut. As the Colorado has been grown a considerable distance north of here, we should think it would do well where any variety of Spring Wheat would grow." Per peck 40c., bushel $1.25, 10 bushels $11.50.

Blue Democrat. A very desirable variety and profitable for the farmer, has given every satisfaction wherever grown. Price $1.25 per bushel, for larger lots price on application.

Red Fern. A bearded variety, with grain similar to the Red or Scotch Fife. Price on application.

White Russian. A bald, smooth, white chaff wheat, very strong straw and heavy heads, producing some heavy crops. Price on application.

Red Fife (Scotch Fife). The best milling spring wheat in cultivation. The head is bald and the chaff white. Price on application.

White Fife This variety resembles the Red or Scotch Fife in size and shape of head, and in habit of growth, but the grain is white, producing flour as white as Fall Wheat. Price on application.

Wild Goose. The most productive variety with which we are acquainted. Price on application.

We have also on hand, throughout the season, full stocks of all other leading kinds, and will be glad to quote prices on application.

BARLEY

Chevalier Two Rowed. Grown from imported seed. The best and most suitable variety for the English market. Per bush. $1, 10 bush. or over, per bush. 75c.

Chevalier Two Rowed—Imported. We have again imported a quantity of this excellent malting barley from one of the best growers in Britain. Per bushel $1.50.

Duckbill Two-Rowed. This is a comparatively new sort of Two Rowed Barley, and one which will certainly become a favorite. It stands up better than the Chevalier and yields a splendid sample of heavy barley. Per bushel 90c, 10 bush. or over at 80c.

Black Hulless Barley. Excellent for feeding. Price per lb. postpaid 15c., 5 lb. postpaid 50c., peck 35c., half bush. 60c., bush. (60 lbs.) $1, 2 bush. or over at 90c.

White Hulless Barley. Similar to Black, the difference being grains are white. Price per lb. 15c postpaid, 5 lb. postpaid 50c., peck 35c., half bush. 60c., bush. $1., 2 bush or over at 90c.

Canadian Six Rowed. Our stock is carefully selected. Per bush. 75c., 10 bush. or over at 70c.

BUCKWHEAT

BUCKWHEAT—Japanese.—Sown at the same time with Silver Hull, it proved two weeks earlier and yielded twice as much. The kernels are twice the size of any other buckwheat; of a rich dark brown color, and manufacture a superior flour. Owing to its branching character only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. Per lb. 15c., 5 lbs. 50c. postpaid, peck 30c., bush. 90c.

BUCKWHEAT—Silver Hull.—This variety is a great improvement on the ordinary Buckwheat. Sown at the same time it continues in bloom longer, matures earlier, and yields nearly double under the same conditions. The grain is of a beautiful light gray color, varying slightly in shade, and the corners are much less prominent than in the ordinary variety, while the husk is thinner, thereby saving from 15 to 20 per cent. waste in the process of manufacturing into flour. Per lb. postpaid 15c., 5 lbs. by mail 50c, peck 35c., bush. $1.

BUCKWHEAT—Common Gray. Per bush. 80c.

PEAS

PEAS—"Mummy."—This variety of field peas is fast becoming a favorite with all farmers, and it is only a question of time when the Mummy Pea will be as largely grown as the Golden Vine. It ripens about the same time as the Marrowfat, bearing its pods on the top of the haulm; yields one-half more peas to the acre than any other field variety. Per lb. postpaid 10c., peck 40c., bushel $1, 10 bush. $9.

PEAS—Multiplier.—A very fine white Pea, which matures a few days earlier than the Golden Vine, and yields peas somewhat larger and more uniform in size than that well-known variety. It is much more productive than any of our common field varieties. Price on application.

Canadian Beauty. Per lb. 15c. postpaid, 4 lbs. 50c. postpaid, peck 75c., for bushel lots price on application.

PEAS—Golden Vine. Price on application.

——**White Marrowfat.** Price on application.

——**Black-eyed Marrowfat.** Price on application.

——**Prussian Blue.** Price on application.

——**Prince Albert.** Price on application.

——**Brown.** Price on application.

Flax Seed, screened, of the best variety. Price on application.

Rye, Spring. Per lb. 15c., 3 lbs. 40c. postpaid; peck 30c., bush. $1.

Tares or Vetches, Spring. Price fluctuates; bush. $1.75.

For Other leading varieties see our Weekly Price List, sent upon application.

BEANS

The Prolific Dwarf Tree. Per lb. 10c., bush. $3.

Soja Bean (*Soja Hispida*), highly recommended for cattle. Per lb. 25c.

California Pea, very productive. Per lb. 10c., bush. $3.

New, Popular and Standard Varieties of Oats

The New Peerless Oats.

PEERLESS OATS

About three years ago a customer of ours obtained a small quantity of this variety of oats from England, and after one year's trial found it to be most invaluable. By careful re-sowing of the Seed he has this year obtained sufficient quantity for us to offer it to our friends. This being its first appearance before the public, the stock is necessarily limited, so we would advise all intending purchasers to **send in their orders early.**

"The grower of this oat describes it as follows: This new variety has proved very successful with me the past year. The grain is about medium length, very full and plump and of a bright color. The straw is particularly qualified in growing straight and stiff, and at no time did it fall over or lie on the ground; it, too, is of a clear bright color, and I found the grain perfectly free from any trace of rust. The head of the oat is large and branching, spreading well all around the stem, and when in the sheaf no other variety can approach it for weight, and in addition to all these good qualities it has proved very prolific, in fact it combines everything to make it a most desirable variety." This is a variety which will, we feel sure, give good satisfaction to all who try it. Price per large pkt. 10c., lb. 25c. (postpaid), pk. 50c., bushel (34 lbs.) $1.50, 2 bushels $2.50, 5 bushels $5.50. SACKS FREE.

WHITE "CHALLENGE" OATS

The unprecedented sale of this variety induces us to again bring this before the farming community for season 1894; we think we have given to the farmers a boon that has been looked for by them for some years, and we would suggest to all those who were unable to procure any from us in Spring of 1893, to order early. This variety possesses long upright stoutish straw, with neat panicle, covered with close set grains, the latter very plump and heavy (weighing 45 lbs. to the bushel), and of excellent quality. "Challenge" Oats are very productive and we believe the earliest variety in cultivation to-day, it has carried off prizes wherever it has been exhibited this year. Our stock of seed is carefully cleaned. Price per lb. 15c., 5 lbs. 50c., free by mail; peck 30c., bush. $1.00, 2 bush. $2.00, including bag; 10 bush. or over 9c. per bushel.

November 15th, 1893.

I grew the Challenge Oats this year. They turned out the earliest, brightest and most prolific variety grown anywhere in the neighborhood. Quite free from rust and smut.

E. F. COWAN, PRINCETON.

"Challenge" Oats.

GOLDEN GIANT SIDE OATS

It grows four to four and one-half feet high, with stiff bright straw supporting the long heads; they stool freely and yield abundantly. Price per lb., postpaid, 15c., 4 lbs. for 50c.; by express or freight, peck 25c., measured bushel 90c., bag of 2 bushels $1.75, bag included.

OATS—BONANZA or Race Horse

It is a vigorous grower, strong straw, remarkably free from all disease, early ripener and enormously productive, with great long heads, filled to the tip with fine plump, solid, heavy white kernels, of good size. Price, per 5 lbs. 50c., postpaid; peck 30c., bushel $1.00.

OATS—The American Banner

(GROWN FROM HAND-PICKED SEED

This new American Oat has given excellent satisfaction this season, in many instances crops have yielded over eighty bushels per acre. The grain is of medium size, plump and even. The heads are spangled, and the straw stands up well. Every customer who raises grain should try the American Banner Oats. Per lb. 15c., 5 lbs. 50c., free by mail; bushel 80c., 10 bushels or over at 70c.

OATS—Black Goanette

This variety of Oat is heavy, black in color, and the heads which are of the class known as spangled, are long and well filled with grain. The Goanette while growing has every appearance of being an oat which will shortly take the place of other black varieties. Per lb., postpaid, 15c.; 5 lbs., postpaid, 60c.; peck 30c., bushel $1.00, 2 bushels or over at 90c. per bushel.

OATS—Rosedale White

This remarkably fine oat has caused a great stir in parts of Canada, where thoroughly tested last season, and has proved to be one of the earliest and most productive varieties ever introduced. The grain is large, plump and very attractive in appearance, with thin, close fitting husks. The straw is stiff, stands up well, and is entirely free from rust or smut. The heads differ from any other variety, being neither a branching nor a side oat, but growing closely and evenly all around the stock. Per lb. 15c., 5 lbs. 50c., free by mail; peck 25., bushel 80c., 10 bushels or over at 70c.

OATS—The Canadian Triumph

This variety is very early, in fact one of the earliest oats in cultivation. The grain is short, plump, and beautifully white, weighs frequently 48 lbs. per bushel. Per lb. 15c., (postage prepaid), peck 25c., bushel 90c., 10 bushels $8.00.

OATS—Early Archangel

It is the earliest variety in cultivation, grows on ordinary farming lands four feet high, has a branching open head, with panicle densely covered with close set grains, the latter are very plump, heavy and excellent feeding quality, grain white, the straw is stiff and erect and greatly relished by cattle. This will certainly become a leading variety when better known. Price for 5 lbs., free by mail, 50c.; by express or freight, 1 peck 30c., 1 bushel $1.00, 2 bushels $1.75, 5 bushels $4.50.

OATS—Imported Black Tartarian

The Black Tartarian is the best variety of Black Oat in cultivation. The grain is black and is produced on the side of the head. The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Weight per measured bushel 40 lbs. Per bushel $2.00.

OATS—Egyptian

White, with yellowish texture, highly recommended to all farmers, very productive. Price per bushel 75c. Price on application for larger lots.

WINTER WHEAT

Pride of Genesee, Early White Leader, Genesee Giant, Jones' Winter Fife, Early Red Clawson, American Bronze, Canadian Velvet Chaff, Golden Cross, and other varieties kept in stock. Our fall catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. Send in your address now.

Good Cotton Bags furnished at 20c. each. Linen Bags at 10c. each. Best quality Cotton Bags, 25c. Best quality Linen Bags, 15c. each.

Please write for Special Prices if you want Seed Grain in 5, 10 or 20 bushel lots.

SIMMERS' EXTRA CLEAN HIGH GRADE

GRASS SEEDS FOR ALL SOILS

For Hay and for Permanent Pastures

"GRASS IS KING"

THE greatest care is exercised in the selection of our Grass and Clover Seeds. We wish to call the attention of purchasers to their purity and fine quality, which is of the utmost importance to the Agriculturist.

Choice samples are the cheapest, sow further, and are the most satisfactory in the end.

Where prices are not quoted, they are subject to market fluctuations, and will be furnished on application, with samples if desired.

Kentucky Blue Grass.

Bromus Inermis—Awnless Brome Grass.

Awnless Brome Grass [*Bromus Inermis*]. One of the most valuable introductions of recent date. Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. 30 cts. lb.

CANADIAN BLUE GRASS [*Poa compressa*]. **The hardiest grass in cultivation.** should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk and fine flavored butter, and it is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses, and consequently makes a hay very heavy in proportion to its bulk. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, along trodden walks, gravelly knolls and upon all soils that are affected seriously by long continued droughts. Per lb. 15c., per bushel of 14 lbs. $1.50.

Creeping Bent Grass [*Agrostis stolonifera*]. A variety similar to the Red Top Grass, somewhat lower in growth but nevertheless not inferior for purposes of pasture or for lawns. Per lb. 25c., 10 lbs. $2.20.

Crested Dog's Tail, or Comb Grass [*Cynosurus eristatus*]. A variety well suited for lawns from its readiness to take root and adapt itself to any kind of soil, and its dense as well as compact growing habits. Per lb. 75c.

Hard Fescue [*Festuca duriuscula*]. Will thrive in a great variety of soils, and resists the effect of drought well; from the fineness of its foliage, it is well adapted for lawns or sheep pasture, and its habit of reproduction, after sowing, is very great. Per lb. 25c.

Honey, or Meadow Soft Grass [*Holcus lanatus*]. A variety having fibrous roots, growing three feet in height and suitable for all soils, the richest and the poorest, but attaining the highest degree of luxuriance on light, moist or peaty soils. Whilst no variety suits better for lawns, it is, however, of no use whatever for cattle, as they will scarcely touch it on account of its sugary mucilage. Per lb. 25c.

Orchard Grass.

Italian Rye Grass [*Lolium Italicum*]. A biennial variety of rapid growth, succeeding well in all kinds of soil, and well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green field. Per lb. 13c.

Kentucky Blue, or Smooth-stalked Meadow Grass [*Poa pratensis*]. A variety assuming a beautiful verdure very early in spring, but it sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best of grasses, and on that account the main grass for pastures. Per lb. 15c., 10 lbs. $1.35.

Meadow Fescue Grass.

Meadow Fescue [*Festuca pratensis*], a highly valuable species for permanent grass lands; it does not, however, attain its full productive powers till the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs. to the acre. Per lb. 20c., 10 lbs. $1.60.

Meadow Foxtail [*Alopecuris pratensis*], one of the best grasses for permanent pastures, being early and rapid in growth, does best in rich moist soil. Per lb. 35c.

Orchard Grass [*Dactylis glomerata*]. Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils, from the quantity of herbage it affords. It should be used for green feed exclusively, because when old and dry, or made into hay, neither horses or cattle are fond of it. Per lb. 15c., 10 lbs. $1.35, bus. $1.65.

Perennial, or English Rye Grass [*Lolium perenne*]. One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years pasture. Per lb. 10c.

Red Meadow Fescue [*Festuca rubra*]. An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over one foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Per lb. 40c.

English Rye Grass.

Red Top Grass, Perennial [*Agrostis vulgaris*]. A hardy, permanent grass, of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Per lb. 15c., 10 lbs. $1.35, bushel $1.65.

Sheep's Fescue [*Festuca ovina*]. A dwarf variety not over six inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Per lb. 25c.

Sweet Vernal Grass [*Anthoxanthum odoratum*]. For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows its chief merits are its fragrant odors which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritive value. Sow 35 lbs. to the acre. Per lb. 50c.

Tall Fescue [*Festuca elatior perennial*]. Of strong growth; very productive and greedily eaten by stock, both as hay and green food; it should form a part of all permanent pasture mixtures for moist and strong soils, and also for irrigation purposes. Per lb. 30c.

Tall Meadow Oat Grass [*Avena elatior*]. A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Per lb. 25c.

TIMOTHY GRASS [*Phleum pratense*]. This favorite variety is so well known and so extensively grown in this country that it is superfluous to give a description of its habit and nutritive properties. The most favorable time for sowing it is in the autumn, though generally succeeding well in spring also. Market price variable. Per lb. 10c.

Water Meadow Grass [*Poa aquatica*]. There is no doubt but that this grass is entitled to greater attention, especially in districts wholly or partially flooded. In such situations it grows luxuriantly, and forms a very rich pasturage in summer. It may be cut three or four times a year, before the plant is in flower, and produces an immense quantity of herbage on soils which will not grow other varieties of grass. Per lb. 40c.

Wood Meadow Grass [*Poa nemoralis*]. A variety indicated by the name as being well adapted for woody lands, growing two feet high, and forming valuable pasture, or even hay grass. Per lb. 50c.

Yellow Oat Grass [*Avena flavescens*]. A hardy, early and more productive grass than many others which affect similar soils and situations; valuable for dry meadows, pastures or lawns. Per lb. 75c.

Common Millet [*Panicum milliaceum*]. The Millet is very similar to Hungarian in general characteristics, but produces a more abundant crop, and of a coarser nature. There are many varieties of Millet, but none used so extensively as the common variety. Per lb. 10c.

German or Golden Millet, medium early, height 3 to 5 feet, yellow, heads closely condensed, spikes very numerous, seeds round, golden in rough, bristly sheaths. Per lb. 10c.

Hungarian Grass [*Sectaria Italica*]. A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground which when the latter is properly prepared, will yield an abundant crop, and when it is cut before the seed is developed, produces hay much relished by all kinds of cattle. Market price variable. Per lb. 10c.

NOTE.—FOR GENERAL SEEDING sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. WRITE US FOR PRICES on any mixture wanted for hay or permanent pasture.

Meadow Foxtail Grass.

We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for $1.50 post paid, or any 17 varieties for $1 post paid.

Simmers' Recleaned Clover Seed

Alsike or Swedish—The Hardiest of the Clovers.

Few seeds vary so much in quality as Clovers, and it is of the utmost importance to the agriculturist to procure really good seed, clean and free from weeds, and though such samples necessarily command higher prices than secondary qualities, we invariably send out the very best we can procure, unless otherwise ordered. Fine samples, however, sow further and are cheaper as well as the most satisfactory in the end.

Situated in the very centre of the best Clover-producing section, and our long and extensive connection with the leading farmers and Clover Seed Growers of the Dominion, enable us to purchase the finest qualities of seed direct from those farmers, and as we hold one of the largest stocks in Canada, farmers will find it to their advantage to send for samples and quotations.

Clover Seed being subject to constant variations, prices will be ruled by the market.

Clovers are the foundation of Farming.

ALSIKE CLOVER (Trifolium Hybridum). This valuable variety is the hardiest of all the clovers and is sometimes called "Giant White Clover." It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth or excessive rains. Grows on clover-sick land, and yields a heavy bulk of herbage where no other clover succeeds.

Its superior pasturage is much liked by cattle, and it is well suited to sowing on lands liable to wash, as its long, fibrous roots spread over a wide area and so interlace and hold the soil as to resist the heaviest rains. Blossom heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre in spring. Lb. 20c., postpaid 25c.; per bushel of 60 lbs., market price variable.

SAINFOIN, or ESPARSETTE (Onobrychis Sativa). An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. Its stand improving by age. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. If the broadcast system of sowing is preferred, it will require about five or six bushels per acre; if drilled, four or five bushels. It will crop from seven to ten years, according to the nature of the soil. Lb. 15c., postpaid 25c.; 10 lbs. $1.25; 25 lbs. $2.50.

Common Red Clover (Trifolium pratense). Lowest market price on application. This should be used for alternate husbandry and other purposes where a permanent pasture is not required. Will succeed in any soil of moderate fertility, if sufficiently dry; of rapid growth and yields an abundant and nutritious crop. Per lb. 15c., postpaid 20c.; per bushel of 60 pounds., lowest market price on application.

MAMMOTH, or COW GRASS (Trifolium pratense perenne). Of great value if sown upon exhausted lands; grows from 5 to 6 feet, and highly recommended for plowing under for manure. Per lb. 15c., postpaid 20c.; per bushel of 60 pounds, lowest price on application.

WHITE DUTCH (Trifolium repens). Most valuable in mixtures for permanent pastures, forming in conjunction with natural grasses, the finest and most nutritious food for cattle and sheep. It succeeds on all good clayey lands, if not too wet. Price variable. Lb. 30c., postpaid 35c.

YELLOW TREFOIL or HOP CLOVER (Medicago lupulina). A prolific and hardy variety. It has for a length of time been largely cultivated in England as a mixture with Red Clover and Grasses, and found to be extremely well adapted for dry pastures, but should not be sown alone. Per lb. 20c., postpaid 25c.

Crimson or Carnation Clover (Trifolium incarnatum). Sow about ten pounds to the acre. It is an annual grass, growing 18 inches to 2 feet the first season, with rank and handsome foliage, being ready to pasture or cut more than a month before Red Clover. It is excellent for soiling and cutting for hay, making a very rich food. Per lb. 20c., postpaid 25c.

Bokhara Clover (Melilotus vulgaris). For Bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields from three tons upwards of hay per acre. For hay or fodder cut when green; grows two feet high, has a white and very sweet-scented blossom; most valuable for bees. Sow in spring. Per lb. 20c., postpaid 25c.

LUCERNE, or ALFALFA CLOVER. A perennial forage plant, and when once properly seeded in suitable soil will produce fine crops for several years. It has a remarkable strong growth, occasioned by its roots penetrating the ground to a great depth, ten to twenty feet, until they are altogether out of reach of drouth. Its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover, excepting the first year in preparing the soil and seeding; the ground should be thoroughly mellowed and prepared by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of ten or twelve pounds per acre, and the second year it will become thoroughly established. It delights in deep, loamy soil, with a sand or gravel subsoil. Lb. 15c., postpaid 20c.; per bushel of 60 pounds, lowest market price on application.

Mammoth Russian Sunflower.

SUNFLOWER

MAMMOTH RUSSIAN SUNFLOWER.—Single heads measure 12 to 22 in. in diameter, and contain an immense quantity of seed, which is highly valued by all farmers and poultry breeders who have tried it, as **an excellent and cheap food for fowls.** They eat it greedily, fatten well on it, and obtain a high lustrous plumage and strong, healthy condition, better than on any other food. It is the best **egg-producing food** known for poultry. It is a decided improvement on the old native sunflower, and besides the great value of the seed as a poultry and stock food, its leaves make a capital fodder, while its strong, **thick stalks** can be profitably **used as fuel.** Four quarts of seed will plant one acre. The seed is also recommended as an excellent food for horses, and it is claimed that a fine quality of oil can be manufactured from the seed. Per pkt. 5c., lb. 25c., 10 lb. $1.75, by mail, postpaid.

MISCELLANEOUS SEEDS

Amber Sugar Cane, excellent for fodder. Per lb. 15c., 9 lbs. for $1.

Chinese Sugar Cane (*Sorghum Saccharatum*). Excellent both for boiling down for molasses when the stalks have come to a certain state of perfection, or as a luscious summer feed for milch cows. Per lb. 15c., 9 lbs. for $1.

Broom Corn. The stalks of it may also be fed to cattle in a green state. Per lb. 25c.

Prickly Comfrey (*Symphitum Asperrimum*). For fodder. Per pkt. 25c.

Sunflower Common. Per lb. 15c.

German Camomile Flowers. Per oz. 10c., lb. $1.

What We Guarantee

I. SAFE ARRIVAL.—We guarantee that all goods sold by us shall reach our customers in good order.

II. MONEY INSURED.—We guarantee to hold ourselves responsible for the safe arrival of all remittances sent us by post-office order, draft, check or registered letter.

III. FREE BY MAIL.—We guarantee to deliver all garden and flower seeds free of all charges except where noted.

IV. AS REPRESENTED.—We guarantee our seeds to be just as represented. If they prove otherwise we will refill the order free of charge; but it must be understood that we do not guarantee the crop any further than to refill the order.

Premium—Extra

Please bear in mind that, on all orders for seeds in packets the purchaser may select 15 cents worth extra for each one dollar sent us. Thus any one sending us $1 can select **seeds in packets** amounting to $1.15; for $2, seeds in packets to the value of $2.35; for $3, to the value of $3.60, and so on. This discount applies ONLY to seeds **in packets** and cannot be allowed on orders for seeds by weight or measure. Please tell your friends of our liberal offers.

VIEW OF A PERMANENT PASTURE OBTAINED BY GROWING OUR MIXTURE OF GRASSES.

SIMMERS' SPECIAL GRASS MIXTURES

Simmers' Special Grass Mixture for Permanent Pasture, consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*True Perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well-known and standard work entitled **"How the Farms Pays"** (by Hendersрn), blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil three bushels of this mixture is sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another a fair average would be three bushels to the acre.

To this mixture intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately), should be added 10 lbs. of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the Spring, as it is rather tender in this latitude if sown in the fall.

The quantity needed (10 lbs.) of MIXED CLOVER to sow an acre we will sell for $2.00.

SIMMERS' Special Grass Mixture for Hay and Permanent Pasture for Light Soils
SIMMERS' Special Grass Mixture for Hay and Permanent Pasture for Medium Soils
SIMMERS' Special Grass Mixture for Hay and Permanent Pasture for Heavy Soils
} **$2.50 per bushel of 14 lbs.**

SIMMERS' Special Grass Mixture for Orchards and Shady places
SIMMERS' Special Grass Mixture for Hay only
" " " " Permanent Pasture only
} **$2.50 per bushel of 14 lbs.**

10-bushel lots and upwards, $2.25 per bushel. Special quotations for LARGE quantities.

Simmers' Special Grass Mixture for Temporary Pasture, consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.* Last year the total weight of 1st and 2nd cuttings of our Temporary Pasture Mixture was 9,120 lbs. per acre; whereas, Timothy alongside yielded 2,400 lbs. per acre.

For One Year: 1 bushel Mixed Grasses, $2.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $3.75.

For Two Years: 2 bushels Mixed Grasses, $4.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $5.75.

For Three or Four Years: 3 bushels Mixed Grasses, $6.75. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $8.50.

(Special quotations for large acreages.)

PRICE LIST OF GRASS AND CLOVER SEEDS IN QUANTITY.

Customers desirous of making their own mixtures, will find the list below a convenience in ordering. When Clover and Grass Seeds are to be sent by mail **4 CENTS PER POUND** must be added to the following prices to pay postage and cost of small bags, which we require to use when sending Clover and Grass Seeds and Seed Grain through the mails. We will supply 20 lbs. or over at the hundred pound rate, and 5 lbs. or over at the ten pound rate; for smaller quantities the pound price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to market changes.

CLOVERS.

	PER LB.	10 LBS.	100 LBS.
Red Clover, Simmers' Best	20c	$1 60	$15 00
Red Clover, Choice	20c	1 50	14 00
Red Clover, Prime	15c	1 40	price on ap.
Mammoth, Choice	20c	1 60	15 00
Mammoth, Prime	15c	1 45	price on ap.
Alsike, Simmers' Best	20c	1 60	14 50
Alsike, Choice	15c	1 45	14 00
Alsike, Prime	15c	1 40	price on ap.
White Clover, Choice	35c	2 80	26 00
White Clover, Prime	30c	2 60	23 00
Alsike and White Mixed	15c	1 40	13 00
Lucerne, Choice	20c	1 35	12 00
Lucerne, Prime	15c	1 25	11 50
Bokhara	20c	1 80	17 00
Sainfoin	15c	1 25	10 00
Trefoil, Yellow	20c	1 50	12 00
Crimson or Scarlet	20c	1 50	13 00
Timothy, Simmers' Best	10c	75	6 00
Timothy, Choice	08c	65	5 50
Timothy, Prime	06c	50	price on ap.

GRASSES.

	PER LB.	10 LBS.	100 LBS.
Bromus Inermis (Awnless Brome)	30c	$2 75	$25 00
Creeping Bent	25c	2 20	20 00
Meadow Foxtail	35c	3 20	30 00
Sweet Vernal	50c	4 50	.....
Tall Oat Grass	25c	2 20	20 00
Yellow Oat Grass	75c	6 50	.....
Crested Dogstail	75c	6 00	.....
Orchard Grass, Best Quality	20c	1 50	13 00
Orchard Grass, Choice Quality	15c	1 35	12 00
Sheep's Fescue	25c	2 20	20 00
Hard Fescue	25c	2 20	20 00
Meadow Fescue	20c	1 60	15 00
Tall Fescue	30c	2 60	25 00
Red Fescue	30c	2 60	25 00
Red Top, Fancy Cleaned, Best	15c	1 35	12 00
Red Top, Choice Quality	10c	80	7 00
Blue Grass, Kentucky, Fancy	15c	1 35	12 00
Blue Grass, Kentucky, Choice	13c	1 20	10 00
Blue Grass, Canadian, Best	12c	1 00	8 50
Blue Grass, Canadian, Good	10c	85	7 50
Perennial Rye Grass	10c	80	8 00
Italian Rye Grass	13c	1 20	10 00
Water Meadow Grass	40c	3 50	30 00
Wood Meadow Grass	50c	4 50	40 00
Hungarian, Best Re-cleaned	10c	40	2 10
Millet, Best Re-cleaned	10c	40	2 10
Millet, Choice	10c	35	2 00
Millet, Golden, Fancy Cleaned	10c	40	2 50

Customers ordering Grass Seed sufficient for one acre or more, are allowed the privilege of 100 pound rate. Please allow for bags when remitting.

FLOWER SEED COLLECTIONS

Simmers' Mikado Collection A

10 pkts. choice, fresh Flower Seeds for 25c.

Contains 10 beautiful varieties of easily grown annuals, in handsome colored bags, with full directions for their culture.

Asters, choice mixed.
Poppy, double mixed.
Sweet Mignonette.
Pansy, good mixed.
Double Imperial Pinks.
Snapdragon, all colors, mixed.
Morning Glory, mixed.
Phlox, splendid mixture.
Tall Nasturtium, mixed.
Sweet Peas, all colors, mixed.

Simmers' Mikado Collection B

Contains 20 pkts. of choice Annuals, Biennials and Perennials for 60 cents.

Aster, Simmers' Truffaut's Perfection, mixed.
Aster, Dwarf Bouquet, mixed.
Balsam, double mixed.
Phlox Drummondi, mixed.
Tall Nasturtium, mixed.
Dwarf Nasturtium, mixed.
Pansy, all colors, mixed.
Mignonette, large flowering.
Morning Glory, mixed.
Sunflower, very double.
Marigold, double French.
Sweet Peas, mixed.
Pot Marigold.
Candytuft, mixed.
Sweet Alyssum.
Larkspur, perennial, blue.
Canterbury Bells.
Mourning Bride, mixed.
Zinnia, best mixed.
Ornamental Gourds, mixed.

Collection C. Flower Seeds for Bouquets

10 varieties, including Dianthus, Sweet Peas, Gaillardias, Stocks, etc.... 35

Collection D. Sweet Scented Flowers — cts

5 varieties, including Musk, Mignonette, etc 20

Collection E. Climbing Plants

10 varieties, including Moonflower, Nasturtium, Gourds, Cobæa, etc.... 40

Collection F. Ornamental Foliage Plants

10 varieties, including Castor Bean, Perilla, Nicotiana, Amaranthus, etc. 35

Mikado Collection G

Contains 40 pkts. of Flower Seeds for $1.00

Aster, Simmers' Excelsior mixture of Tall sorts.
Tall Nasturtium, dark brown.
Nasturtium, tall yellow,
Phlox Drummondi, all colors, mixed.
Dwarf Nasturtium, mixed colors.
Stocks, mixed.
Everlasting Flowers.
Pansy, fine mixed.
Portulacca, mixed sorts.
Double Japan Pink, best mixed.
Finest Double Poppy, all kinds, mixed.
Double Balsam, mixed.
Double Marigold, mixed.
Cosmos Bipinnatus.
Morning Glory.
Mignonette, Machet.
Castor Oil Bean.
Sweet Alyssum, Little Gem.
Canarybird Flower.
New French Cannas.
Candytuft, Empress.
Verbena, best mixed.
Zinnia, large-flowering.
New Sweet Peas.
Petunia.
Marvel of Peru.
Godetia, mixed.
Ornamental Gourds.
Sunflower, many kinds, mixed.
Chrysanthemum, annual sorts.
Carnation, Margaret.
Calendula.
Snapdragon.
Double Daisy.
Escholtzia.
Double Hollyhocks.
Scabiosa, Mourning Bride.
Cobæa, climber.
Gaillardia, perennial.
Salvia splendens.

J. A. SIMMERS' COLLECTION OF FLOWER SEEDS

(By Mail, free of Postage.)

For many years past we have supplied a great number of our customers not inclined to examine the contents of the following superior and choice lists or the merits of the various flowers therein offered, with a collection of flower seeds of our own choice. As it is our interest to satisfy every purchaser, in offering the following collections of flower seeds, we would request purchasers to state to us whether they keep a hot-bed or not, and whether the soil in their garden is sandy or heavy. By briefly answering these two questions in their letters to us, it will greatly aid us in the choice, and the better insure success.

No.	A COLLECTION OF	Price per Coll.
1.	**Twenty-five varieties of Annuals, our own selection** (of easy culture), with directions how to sow them	$1 00
2.	**Twelve varieties of Annuals, our own selection** (of easy culture)	50
3.	**Fifty varieties of Annuals, our own selection** (of easy culture)	1 75
4.	**Twenty-five varieties of Dwarf Annuals,** suitable for edging or small borders; our own selection	1 00
5.	**Twelve varieties of Annual Trailing Plants** suitable for hanging baskets or rockwork; our own selection	50
6.	**Twenty varieties of Perennials,** our own selection	$1 00
7.	**Twelve splendid varieties of Everlasting Flowers,** our own selection	50
8.	**Twenty splendid varieties of Everlasting Flowers,** our own selection	75
9.	**Twelve very fine varieties of Annual Climbing Plants,** our own selection	50
10.	**Six choice Perennial Climbing Plants,** our own selection	30

These Collections Consist of Reliable Seeds. Our Collections of Flower Seeds are always Reliable.

Simmers' Collections of the Most Esteemed German Flower Seeds

With regard to the quality of the following assortment we have no hesitation whatever in **guaranteeing from one-half to three-fourths** of plants raised from the seeds of them to produce double flowers. There are no flowers better adapted to furnish a succession of brilliant attraction in a flower garden than those contained in the following assortments. From our direct intercourse with the leading growers we are in a position to offer them at very moderate prices; it will therefore be seen that at a trifling cost a garden may be stocked till late in the autumn with flowers beautiful in form and size and of a most attractive variety of colors, to some of which is added a delicious fragrance.

N.B.—In ordering **Collections,** the running number need only be given, with the year of publication of this Catalogue.

No.		Price per Coll.
11.	**Asters—Truffaut's Pæony-flowered "Perfection" Pyramidal Double,** twelve very fine varieties	$0 50
12.	**Victoria Double,** six very showy varieties	30
13.	**Balsams—Camelia Rose-flowered, Double,** ten fine varieties	50
14.	**Grasses**—hardy, annual and perennial, ornamental, twelve distinct varieties	50
15.	**Carnations and Picotees, Double,** twelve different showy var.	75
16.	**Chinese Primrose**—twelve varieties	2 00
17.	**Hollyhocks, Chaters Prize,** twelve choice colors	50
18.	**Larkspur, Double Hyacinth Flowered,** twelve choice colors	30
19.	**—Double Branching,** eight colors	30
20.	**Marvel of Peru,** twelve distinct varieties	30
21.	**Morning Glory,** twelve distinct varieties	30
22.	**Pansies,** large flowered, spotted, twelve distinct varieties	1 00
23.	**Petunias,** large flowering, the finest mottled and striped varieties, 10 distinct varieties	1 00
24.	**Phlox Drummondii,** twelve varieties	$0 50
25.	**Phlox Drummondii,** six distinct varieties	30
26.	**Pinks, Double,** ten distinct annual and perennial varieties	75
27.	**Portulacca, Single-flowered,** six distinct varieties, brilliant colors	30
28.	**Sweet Peas,** eight distinct varieties	30
29.	**Poppy, Double or Pæony-flowered,** twelve superb varieties	30
30.	**Stocks, large-flowered, Pyramidal Double,** 10 weeks, twelve colors	50
31.	**Stocks, large-flowered, Pyramidal Double,** six distinct colors	30
32.	**—East Lothian, Double, large-flowered,** six distinct varieties	30
33.	**Giant Emperor, Double,** winter flowering, six very fine colors.	40
34.	**Wallflower, Double,** six distinct varieties	40
35.	**Zinnias, Double,** six distinct varieties	40

For Novelties and Specialties in Flower Seeds see Colored Pages at Front of this Catalogue

A SELECT LIST OF FLOWER SEEDS

INCLUDING ALL THE MOST DESIRABLE

In order to facilitate purchasers in making their selections, who are unacquainted with the botanical names, or different varieties of plants, we have, as far as possible, given the popular name of each variety, and have endeavored so to simplify the description that any person, however unacquainted, may be able to make a judicious selection.

In the following list we offer an unusually large and judiciously selected collection of the most desirable varieties in general favor. With respect to the growing qualities and other merits of the different kinds, we have every confidence that under proper treatment and favorable circumstances, they cannot fail to give the purchaser entire satisfaction—hundreds of them being annually raised on our trial grounds, and hundreds of others obtained from the most reliable growers in Europe personally known to us.

Special Discounts on Flower Seeds in Packets.

The extensive distribution of our Seeds is our special object, and for the purpose of encouraging and promoting the taste and cultivation of **Flowers particularly**, we offer the following gratuities on Flower Seeds in Packets, but we wish it distinctly understood that these rates are for SEEDS IN PACKETS ONLY, and must be selected when ordering.

Customers Remitting

$1.00	may select Flower Seeds in packets at Catalogue prices amounting to	$1.15
2.00	may select Flower Seeds in packets at Catalogue prices amounting to	2.35
3.00	may select Flower Seeds in packets at Catalogue prices amounting to	3.60
4.00	may select Flower Seeds in packets at Catalogue prices amounting to	4.80
5.00	may select Flower Seeds in packets at Catalogue prices amounting to	6.00

The above prices include postage to any part of the World.

Full Cultural Directions for Sowing are printed on each and every package.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die, though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will bloom the first year if sown early.

Abobra Viridiflora.

REMEMBER

A yearly subscription to "American Garden" goes with every Five Dollar ($5.00) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.

Abronia Umbellata.

36. **ABOBRA VIRIDIFLORA**, an extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root-house during winter. Per pkt. 10c.
37. **ABRONIA UMBELLATA**, handsome training annual for edging, pretty, pale rose flowers, similar to Verbenas. Per pkt. 5c.
38. **ABUTILON (Flowering Maple, or Chinese Bell Flowers)**. Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt. 25c.

ACANTHUS.

Stately foliage plants, suitable for specimens on lawns or in the borders, presenting a rich tropical effect. The leaves on Corinthian columns were copied by the ancients from this plant, half-hardy perennial.

39. **Acanthus Latifolius**. Per pkt. 5c.

ACHILLEA.

40. **ACHILLEA Ptarmica**, hardy perennial, with bright rose-colored double flowers. Per pkt. 10c.

ACHIMENES.

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

41. **Achimenes Hybrida**. Per pkt. 25c.
" " **Bulbs**. Per doz. 50c.

Aconitum (Monkshood).

Adlumia Cirrhosa.

ACONITUM (Monkshood).

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

42. **Aconitum Napellus**, bright blue and white flowers. Per pkt. 5c.

ACROCLINIUM. (See Everlastings).

43. **ADLUMIA CIRRHOSA** (Mountain Fringe or Alleghany Vine). a beautiful, hardy, climbing perennial; flowers white with purple. Pkt. 5c.

ADONIS.

44. **Adonis Æstivalis** (*Flos Adonis*), a pretty, hardy, scarlet, annual, 18 inches high, of easy culture, flowering from July to Sept. Pkt. 5c.
45. **Adonis Vernalis**, a hardy perennial variety of the preceding, one foot high with showy yellow flowers, very early in spring. Per pkt. 5c.

AGATHÆA

46. **Blue Marguerite**, hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden yellow centre, invaluable. Per pkt 10c.

Adonis Æstivalis (Flos Adonis), Scarlet.

Ageratum Mexicanum.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one or two feet, excepting the Tom Thumb kinds, which are not over six inches in height; prevailing color, bright lavender blue.

47. **AGERATUM Hybridum**, imperial dwarf white. Per pkt. 10c.
48. —**Tom Thumb**, mixed colors. Per pkt. 5c.
49. —**Mexicanum**, lavender blue. Per pkt. 5c.
50. —**Mexicanum**, white. Per pkt. 5c.

AGROSTEMMA (Crown of the Field).

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

51. **Agrostemma Cœli Rosa** (Rose of Heaven), annual. Per pkt. 5c.
52. —**Hybrida Splendens** (Rose Champion), deep crimson. Per pkt. 5c

Amaranthus Salicifolius.

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Per pkt.

53. **Amaranthus Atropurpureus,** CTS. hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic-tinted leaves 5
54. **—Caudatus** (Love Lies Bleeding), hardy popular annual, 2 ft. in height 5
55. **—Melancholicus Ruber,** half-hardy annual, 2 feet high, with rich blood-red foliage 5
56. **—Monstrous** (Prince of Wales' Feather), a hardy popular annual of pleasing effect, 2 feet in height 5
57. **—Salicifolius** (Fountain Plant), 2 to 3 feet in height, of branched and pyramidal growth 5
58. **—Salicifolius Henderi,** 3 to 5 feet high, forming a well-branched, gracefully curved pyramid, with pendant foliage 12 inches in length .. 10
59. **—Tricolor** (Joseph's Coat), half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy 5
60. **—Tricolor Splendens,** an improved variety of the preceding, the foliage being more distinctly marked 5

AMMOBIUM (See Everlastings)

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy from early summer until frost sets in; valuable for indoor decoration; half-hardy annual.

61. **Alonsoa Warscewiczii,** bright scarlet flowers 5
62. **—Linifolia,** scarlet flowers, fine feathered foliage 5

ALOYSIA (LEMON-SCENTED VERBENA)

A perennial, popular, deciduous, greenhouse shrub known as the lemon-scented verbena.

63. **Aloysia Citriodora** (*Verbena Citriodora*) ..... per pkt. 10

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

64. **Alyssum, Sweet,** white fragrant flowers, hardy annuals, 6 inches in height 5
65. **—Saxatile Compactum,** golden yellow, shining; hardy perennial, ¾ foot high 5
66. **—Little Gem,** of dwarf compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to blossom when quite small, and the plants are a solid mass of white bloom from spring till late in autumn 10

Amaranthus Tricolor.

Amaranthus Melancholicus Ruber.

Alyssum, Little Gem.

Sweet Alyssum—No. 64.

Anagallis Grandiflora.

Examine our List of Novelties and Specialties in Flower Seeds on Colored Pages at front of this Catalogue. You will be sure to find something to add to your order.

Aquilegia Vulgaris, fl. pl.—No. 75.

Antirrhinum, Tom Thumb.

AMPELOPSIS

per pkt

67. **A. Quinquefolia** (Virginia Creeper). CTS. One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. In the autumn the dark green foliage assumes beautiful tints of orange, crimson, etc. Grows 50 to 100 feet high 10
68. **Ampelopsis Veitchii** (sometimes called "Japanese Ivy" and "Boston Ivy.") A slender growing variety of the Virginia Creeper, the young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson and orange. It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of fifty feet. Every year adds to the popularity of this plant as a climber. This is the climbing plant so much used in covering the fronts of houses in Boston. *(See cut.) Perfectly hardy.* See Plant List for large, well-grown plants 10

ANAGALLIS (Pimpernello)

Pretty little trailing hardy annuals, flowering profusely in summer; they may be used with advantage for small beds, edgings, rustic baskets, vases or for rockwork.

69. **Anagallis Grandiflora,** scarlet, blue and carmine, mixed 5

ANCHUSA

Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

70. **Anchusa Altissima,** 3 feet in height 5

ANGELONIA

A pretty hot-house plant, forming compact, dwarf bunches with lively green foliage, terminating in spikes closely set with purplish blue, cup-shaped flowers; the plant distributes a fine musk-like scent, and is well suited for window culture.

71. **Angelonia Floribunda Grandiflora** 15

ANTIRRHINUM (Snapdragon)

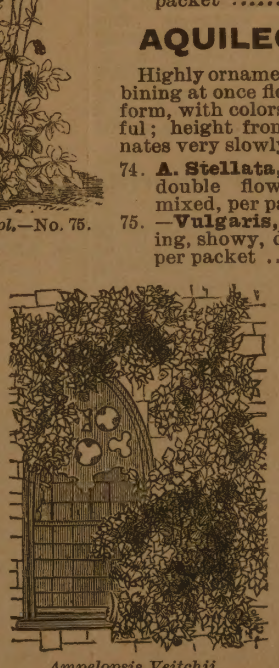
Beautiful, showy, half-hardy, popular annuals or biennials, flowering freely under ordinary treatment, in a great variety of bright, striking colors, if sown moderately early in the spring.

72. **Antirrhinum Majus,** extra fine striped and plain varieties, mixed, per packet 5
73. **—Extra choice Mixed Colors,** per packet 5

AQUILEGIA (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

74. **A. Stellata, fl. pl.,** with star-like double flowers, different colors, mixed, per packet 10
75. **—Vulgaris, fl. pl.,** double flowering, showy, different colors mixed, per packet 5



Ampelopsis Veitchii.

ARABIS (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower beds, edgings, etc. Continues in bloom from early spring until frost sets in; seeds may be sown any time from April to Septemer in the open ground, and succeed in any garden soil; height nine inches; hardy perennial.

76. **Arabis Alpina,** per packet 10

Our illustration of Asters represents the following popular varieties :
No. 1. Chrysanthemum Flowered Pompon.
2. Truffault's Pæony-flowered, Double.
3. Pæony-flowered, White.
4. Giant Emperor.
5. Crown or Cockade.
6. "The Comet" Aster.

Collection of Truffault's Pæony-flowered Asters, 12 colors, 50c. each.
Collection of Improved Victoria Asters, 6 colors, 30 cents each.

SIMMERS' SUPERB DOUBLE ASTERS

FRENCH, GERMAN AND CHINESE VARIETIES

For beauty and variety of habit, form and color, the Aster stands unrivalled, and of all flowers is the best adapted to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be sown in pots, or under glass early, to have them flower sooner. See also Assortments page 37.

Per pkt.

77. **Pæony-flowered Truffaut's Double.** Growth pyramidal, with branchy stem, with large shell-petaled flowers ; height 2 ft., mixed..... 10
78. **Pæony-flowered, crimson**..... 10
79. **Dark Blue and White**..... 10
80. **Lilac Blue**..... 10
81. **Pale Red and White**..... 10
82. **Pure White**..... 10
83. **Pæony-flowered, Violet and White**..... 10
84. **Truffaut Aster, Yellow.** In this we have the nearest approach to a yellow Aster which has been sought after so long..... 10
85. **Large Pæony-flowered Robust Dwarf,** most valuable, being constant in growth, with handsome foliage and large beautifully formed flowers, in brilliant colors, mixed..... 10
86. **Comet or Poodle.** A handsome, new and very distinct Aster, much resembling the Japanese Chrysanthemum in shape of flowers ; the petals are very long and beautifully curled 10

New Diamond Asters

(See Novelties.)

87. **ASTER, New "Triumph."** This is undoubtedly the most beautiful and perfect of all Dwarf Asters, both on account of the habit of the plants, and the form and beauty of the flowers. Each plant forms an elegant bouquet of itself about 7 or 8 inches high. The individual flowers measure from 2½ to 3 inches across and are of the most faultless Pæony form, all the petals being beautifully incurved. The color is peculiarly rich and brilliant, being of a pure scarlet, changing to a magnificent deep satiny scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40 handsome flowers. It is well adapted for borders, carpet bedding, or for pot culture. Per pkt. 15c.

Simmers' Improved Victoria Asters

Undoubtedly the most handsome Aster in cultivation, of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated, plants are of fine pyramidal form, 1¾ feet high. Per pkt.

88. **Pink**..... 10
89. **Scarlet**..... 10
90. **Purple**..... 10
91. **White**..... 10
92. **Finest Mixed.** Per oz. $2.50 10
93. **Crown or Cockade,** large flowers with two colors, the centre being white : height 1½ feet ; varieties mixed 10
94. **Giant Emperor,** a beautiful class, very large double flowers, varieties mixed 10
94½. **Goliath White,** of vigorous growth, producing immensely large flowers, upwards of 5 inches in diameter, so double as to appear in a sub-conical form, of a dazzling white color..... 10
95. **Hedgehog or Porcupine,** a quilled Double Aster, the petals being sharply pointed ; form of plant pyramidal, upright branched, variety of colors mixed 10

Per pkt.

96. **Chrysanthemum, Flowered Double Dwarf,** large and profuse flowering, excellent for edging small beds, mixed 10
97. **ASTER, "Snowball" or Princess, White.**—This is the first variety of an entirely new class which, from the build of its flowers, is as beautiful as it is distinct. They may be best compared to those of Lilliput Dahlias. In form they are semi-spherical and composed of quite short and very thickly set imbricated petals. A single plant develops as many as 30 pure white flowers, which, by reason of their refined and faultless form, may be utilized with the greatest advantage for all purposes for which white cut flowers are in request, more especially as they remain longer in good condition than any others, and last, but not least, the "Snowball" Aster is excellent for pots. It is undoubtedly the forerunner of a very superior class, and at the same time an excellent novelty. 3 pkts for 25c..... 10
98. **ASTER, "Mignon," Mixed.** This beautiful Aster which has so rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors, they show, however, as yet, such a tendency to vary that we are constrained to offer of them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one obtained by us several years back. We recommend this seed as sure to produce exclusively handsome flowers of perfect form..... 25
99. **Globe Double,** flowering freely, very large, centre petals being incurved, outer petals recurved ; habit of plant beautiful..... 10
100. **Queen's Cockade,** growth half dwarf and globular, studded with double bright satin rose, white centred flowers 10
101. **Rose,** height 2 feet ; of robust growth, flowers beautifully imbricated, very double and attractive ; a variety of colors mixed 10

Harlequin Aster.

Per pkt.

102. **Aster, Harlequin,** 12 to 18 inches, branching freely in the form of a pyramid, and covered with a mass of bloom. The colors range through various tints of blue, purple and rose, while some of the florets are marked or splashed with white.. 10
103. **Washington Needle, Light Purple,** fine variety with needle-shaped very double flowers of 4 to 5 inches in diameter. Largest flowered Aster in existence..... 10
104. **Washington.** Pure white, flowers 4 to 5 inches in diameter and of perfect form, free bloomer.... 10
105. **Prince of Wales.** Dark crimson ; very early and large flowered..... 10
105½. **China,** double quilled Chinese Aster ; height 1 to 2 ft., in variety mixed. Per oz. $1..... 5
106. **Bettridge's Prize Quilled,** remarkable for the globular form of flowers..... 5

Arabian Primrose.—No. 111

ARGEMONE (Prickly Poppy)

Showy hardy Annuals; flower the shape of a single poppy; leaves bluish green with white veins, forming a pleasing contrast; of easy culture.

Per pkt.

107. **Argemone Grandiflora,** height 2 feet, large flowered ..... 5c.
108. —**Mexicana,** showy yellow, "Infernal or Devil's Fig" of the Spaniards..... 5

ARISTOLOCHIA (Dutchman's Pipe)

109. **Aristolochia Bonplandi,** an exceedingly beautiful and interesting, rapid growing, deciduous hardy perennial climber, flowers resembling a tobacco pipe 10

ARMERIA (Thrift, Sea Pink)

110. **Armeria Formosa Rosea,** commonly known as Thrift; a hardy perennial of low growth, with rosy flowers of long duration, like everlastings; the plants are considered the best for edging borders or rockeries.... 10

ARABIAN PRIMROSE (Summer Flowering)

111. **Arnebia Cornuta,** a new and charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with unusual profusion during the whole summer—one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers over ¾ of an inch across, and of a rich primrose yellow, marked with 5 black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear bright yellow. It is an excellent cut flower; the blooms remain fresh, in water, for 10 days. Highly effective when grown in masses, per pkt...15c.

Auricula Variegated.

ARTEMISIA

112. **Artemisia Stelleriana,** hardy, showy perennial, with beautiful, silvery, large and gracefully cut leaves of agreeable odor; a valuable bedding plant; flowers small, per packet.....10c.

ASCLEPIAS (Swalloworth)

Per pkt.

113. **Asclepias Tuberosa,** a hardy, robust-growing tuberous perennial, with bright orange red fragrant flowers in bunches, and of easy culture in any soil ..... 5c.

ASPERULA (Woodruff)

114. **Asperula Azurea Setosa,** a hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers; height, 1 foot..... 5
115. —**Odorata,** a hardy perennial, 1 foot in height, the small star-like branches of exquisitely fragrant white flowers appear in May and June 10

AURICULA

116. **Auricula Variegated,** a well-known, popular dwarf, favorite hardy perennial of great beauty, succeeding best in northern aspects not exposed to the sun; choice quality 10

BALLOON VINE

117. **Balloon Vine** (*Love in a Puff*), a rapid growing handsome summer climber, having small white flowers, which are followed by seed vessels shaped like small balloons; 10 to 15 feet high 5

BARTONIA

118. **Bartonia Aurea,** or Golden Bartonia, a favorite hardy annual, with showy, brilliant yellow flowers, of easy culture 5

BEET

The ornamental leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon-beds or in groups they are very effective.

Per pkt.

119. **Red Chilian.** Scarlet ribbed. Oz. 15c. ..... 5c.
120. **Yellow Chilian.** Golden yellow. Oz. 15c..... 5
121. **Dracæna leaved.** Brilliant dark red foliage..... 5

BEGONIA

Plants may be had in flower the first season from seed sown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

Per pkt.

122. **Begonia, Tuberous Rooted, Giant Flowered, Single,** finest mixed varieties ..... 25c.
123. —**Double Tuberous Rooted Mixed.** Our seed has been hybridized, using the most double flowers, and the handsomest single varieties.. 35
124. —**Pearcei,** a magnificent tuberous variety, bright golden color..... 25
125. —**Rex Hybrids.** Ornamental leaved varieties..... 25
126. **NEW BEGONIA VERNON.** The most useful and meritorious seed novelty introduced for years. Flowers of a brilliant orange carmine, contrasting well with the metallic foliage of a glossy red growing more intense with the advancing season. **It blooms with the greatest profusion throughout the entire summer** and is destined to be one of the most popular bedders for parks and lawns, as well as highly satisfactory for pot culture 10

Bellflower (See Campanula.) **Bleeding Heart** (See Dielytra)

Begonia, Tuberous Rooted Single.

BOCCONIA

127. **Bocconia Japonica,** a h.p. foliage plant, of pleasing effect among shrubbery, 5 to 6 ft..... 5

BRACHYCOME (Swan River Daisy)

Very neat, dwarf, hh. a., 6 inches high, with an abundance of flowers similar to the Cinerarias.

128. **Brachycome Iberidifolia,** blue..... 5
128½.— — White 5

BROWALLIA

129. **Browallia Elata,** blue..... 5c.
129½.—**Elata,** white 5
130. —**Roezlii,** blue, yellow centre.. 10

CACALIA

131. **Cacalia Coccinea,** scarlet 5
131½. —**Aurea,** yellow 5

CALANDRINIA

132. **Calandrinia Grandiflora,** deep pink 5

CACTUS

Sow seed in flower pot saucers filled with coarse sand, and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed.

133. **Cactus,** per packet .....10c.
134. **Opuntia Lurida** (*The Great Candle Cactus*). Grows 2 to 4 feet high, branching like a tree, and producing hundreds of golden yellow flowers. Seed 20c. per packet. Fine plants 50c. each.

Cactus Plants.—As grown from our extra choice mixed seeds.

- Simmers' Choice Double Balsams -

Balsams or Lady Slippers are old favorites with everyone owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers, they must be transplanted in a rich soil, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called "Lady's Slipper" and "Touch-Me-Not." In brilliancy of color, Balsams are equal to any class of flowers, and the easy mode of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

135. **Balsam, Simmers' Invincible Camellia Flowered, Double,** height 2 ft.; flowers large, blotched with white like the Camellia, in variety of colors mixed. Per pkt. 10c., 3 pkts. for 25c., qr. oz. 30c., oz. $1.00.

136.—**Improved Rose, or Andrieux,** height 1½ft.; flowers large, rose-petaled, double, of the most vivid as well as delicate colors. Per pkt. 10c., qr. oz. 35c., oz. $1.25.

137.—**Dwarf Double,** not over 1 foot in height, flowering in such an abundant manner as to hide the leaves; quite distinct and true from seed. Per pkt. 10c.

138.—**Rose-Flowered, Deep Blood-Red, Double,** a very distinct and desirable color. Per pkt. 10c.

139.—**Solferino Double,** distinguished by the flowers, being striped and streaked with lilac and scarlet on satin-white ground. Per pkt. 10c.

140.—**Camellia Flowered, Perfection, White,** (Queen's White), flowers pure white, of immense size and solidity. Per pkt. 10c.

141.—**The King,** intense scarlet, very large double rose-like flowers. Per pkt. 10c.

142.—**The Queen,** pure bright rose, magnificent large double rose-like flowers. Per pkt. 10c.

143.—**Victoria Double,** brilliant salmon-scarlet, finely spotted and streaked flowers on white ground, tall, very fine. Per pkt. 10c.

144.—**Camellia-Flowered, Tall Double German Mixed.** This is not our "superb strain," but we are obliged to keep it to meet the large wholesale demand for a cheaper grade. We believe it to be as good as the Camellia-Flowered Balsams generally sold. Per pkt. 5c., per oz. 50c.

Camellia Rose-Flowered, Double. Collection of 10 very fine varieties, 50c.

CALCEOLARIA
(Lady's Slipper).

A most magnificent, early flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy interesting flowers, mottled and spotted in endless varieties of shades.

145. **Calceolaria, Hybrida.** This assortment is mostly made up of self colors mixed. Per pkt. 25c.

146.—**Hybrida, shrubby,** or perennial, for bedding out during summer, bright yellow flowers. Pkt. 50c.

147.—**Hybrida, Maculata,** variety of the preceding, with spotted and mottled flowers, highly improved. Per pkt. 50c.

CALENDULA (Pot Marigold).

A showy, free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

148. **Calendula, Double Large Flowering Sulphur Yellow.** A new light yellow variety of this favorite annual, compact habit, large well filled flowers. Pkt. 10c., 3 pkts. for 25c.

Calceolaria (Lady's Slipper).

149. **Calendula Pongei, fl. pl.,** double white, 2 feet high. Per pkt. 5c.

150.—**Ranunculoides, fl. pl.,** double flowering, dwarf orange. Per pkt. 5c.

151.—**Superba, fl. pl.,** sulphur. Per pkt. 5c.

152.—**Meteor,** double striped flowering, very commendable. Per pkt. 5c., per oz. 20c.

CALLIRRHOE.

153. **Callirrhoe Pedata,** a half-hardy annual of the Mallow tribe, with large deep rosy flowers, produced in abundance during the whole summer; of easy culture; height 2 feet. Per pkt. 5c.

CAMPANULA
(Canterbury Bells).

Bell flowers, when well grown are amongst the most attractive of hardy perennial plants, from the rich bell and saucer shaped flowers in profusion of rich blue, white or flesh color; they succeed in any ordinary garden soil.

154. **Medium, Mixed (Canterbury Bells),** 2 ft. high, large blue flowers. Per pkt. 5c.

155. **Medium, fl. pl., Mixed,** the double flowering variety of the preceding, constant from seed. Per pkt. 10c.

156. **Pyramidalis,** 3 to 5 feet high, producing long spiked closely garnished, with deep blue flowers. Per pkt. 10c.

157. **Loreyi,** a dwarf hardy annual, with deep blue flowers. Per pkt. 5c.

157½. **Macrostyla,** a hardy annual, 15 inches high, forming a broad headed bush, surmounted with cup shaped flowers 1½ inches across, violet purple upon white ground. Per pkt. 20c.

Calendula, Double Large Flowering Sulphur Yellow.

Cup and Saucer Campanula.

CAMPANULA—*Continued.*

158. **Cup and Saucer Campanula.** One of the prettiest of the hardy perennial Campanulas. The flowers grow in the form of a cup and saucer and cover the plants, which attain the height of 2½ feet, with a profusion of bloom. The colors are principally white and rose-colored and occasionally blue. It is not grown in proportion to its merits, and should find its way into every garden. Per pkt. 10c., 3 pkts. for 25c.

CANARY CREEPER
or Canary Bird Flower

A well known, pretty favorite creeping annual with bright yellow flowers, shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light rich soil; it may be treated as a hardy or half hardy annual.

159. **Canary Creeper.** Per pkt. 5c.

CANDYTUFT

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

Canary Creeper, or Canary Bird Flower.—No. 159.

CALLIOPSIS OR CORREOPSIS

Showy, free flowering hardy annuals, indispensable in any collection; flowers well adapted for bouquets.

160. **Calliopsis Basalis Drummondii,** 2 feet high, bright golden yellow dark centered flowers. Per pkt. 5c.

161.—**Cardaminæfolia Hybrida,** of more dwarfish habit than the preceding; flowers dark velvety brown. Per pkt. 5c.

162.—**Tricolor,** a very desirable hardy annual, 1 to 1½ feet high, yellow flowers with dark centre; very showy. Per pkt. 5c.

163.—**Golden Wave,** (see cut). A very showy sort with bright golden yellow flowers, with small dark centres; blooming profusely. Per pkt. 5c.

164. **Correopsis Lanceolata, New Golden Correopsis,** a desirable hardy perennial, 2 feet high, golden yellow; dark centered flowers. Per pkt. 5c.

Calliopsis, Golden Wave.

175. **Crozy's New French Cannas or Gladiolus Flowered.** This new and distinct class is of dwarf, compact habit, producing flowers similar to the Gladiolus but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt. 10c.

Crozy's New Dwarf Large Flowering Mixed Cannas.
10c. per pkt., 3 pkts. for 25c.

CANDYTUFT—*Continued*

165. **New Empress.** One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers resembles a floral candelabra. Do not sow too thickly. Per pkt. 10c., 3 pkts. for 25c.

166. **Candytuft, dark red or scarlet,** bright crimson flowers, one foot high. Per pkt. 5c.

167.—**Purple,** purple flowers, one foot high. Per pkt. 5c.

168.—**White Rocket,** spikes of white flowers. Per pkt. 5c.

169.—**Snowflake White,** pure white flowers, one foot high. Per pkt. 5c., oz. 25c.

170.—**White,** sweet scented flowers, nine inches high. Per pkt. 5c.

171.—**Mixed,** all colors. Per pkt. 5c.

172.—**Perennial,** (*Iberis Tenoreana*), a half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt. 10c.

CANNA, or Indian Shot.

Very stately and highly ornamental plants, with large, broad massive foliage and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy and produce fleshy roots, which, if taken up and kept in a cellar, may be divided every spring, and used like Dahlias for years.

173. **Canna Indica,** green leaved varieties, mixed. Per pkt. 5c.

174.—**Red-Leaved,** varieties mixed. Per pkt. 10c.

Empress Candytuft.

Simmers' CARNATIONS

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers, of most brilliantly variegated colors. See also Assortments, page 37.

176. **Extra Choice Double,** mixed, saved from a rich collection of named flowers, which will produce splendid varieties.

177. **Carnation, Fine Double,** mixed, sweet scented sorts.

178. **Carnation, Perpetual Flowering or Tree,** flowering almost constantly throughout the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt. 25c.

179. **Carnation, Early Dwarf Grenadin.**—For yielding a quantity of double flowers for cutting there is no Carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet scented. Per pkt. 10c.

180. **Carnation, New Marguerite.**—The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc.; they are of perfect form and large size, and what is of special value, the calyx never bursts. *They bloom in about four months after sowing the seeds;* those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly through the winter, though, if intended specially for winter flowering, it will be better to sow later in the season. They come eighty per cent. double. The plants are dwarf, much branched, compact and robust in habit, consequently supporting themselves, without the use of unsightly stakes. Per pkt. 10c., 3 pkts. 25c., 7 for 50c.

For Carnation plants see under Bulbs and Plants.

New Marguerit Carnation.—No. 180.

Castor Oil Bean

(PALMA CHRISTI)

Most favorite, stately growing hardy annuals; from their tall growth and fine foliage, well suited for decorating shrubberies or lawns.

Centranthus Macrosiphon.—No. 195.

Centaurea Depressa.—No. 187.

CAMBODIAN PALMA CHRISTI

(RICINUS CAMBOGIENSIS.)

181. This is one of the finest things for tropical effects either in masses or as individual specimens on the lawn or garden that we know of. They grow from six to eight feet high in a few weeks from time of planting, with large palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Price per pkt. 10c., 3 pkts. 25c.

182. **Borboriensis Arboreus.** Immense green foliage, 15 feet. Per pkt. 5c.

183. **Gibsoni,** dark purple stems and leaves, 5 feet. Per pkt. 5c.

184. **Sanguineus.**—A distinct variety with beautiful brownish red foliage and bright seed pods, very effective, height six feet. Per pkt. 10c., 3 pkts. 25c.

Tall Castor Oil Plant (Palma Christi)

Chrysanthemums, Double Yellow and White.

CHRYSANTHEMUM

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

197. **CHRYSANTHEMUM Coronarium,** 2 ft., double white. Per pkt. 5c.

198. — —**Luteum,** two feet high, double yellow. Per pkt. 5c.

199. — —**Eclipse.** Pure golden with bright purplish-scarlet ring on the ray floret, the disk being brown. Per pkt. 10c., 3 for 25c.

200. — —**Dunnetti,** double Golden yellow. Per pkt. 25c.

201. **Chrysanthemum Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") It produces freely its white star-like flowers under the most unfavorable conditions. Per pkt. 10c., 3 for 25c.

202 **CHRYSANTHEMUM Inodorum Plenissimum,** double white flowering, fine feathered foliage, 18 inches high. Per pkt. 10c.

203. **CHRYSANTHEMUM Sinense** (distinct from previous kinds). This "Queen of Autumn" has created a great stir in the last few years, and no flower is now more prominently before the public. If sown early, transplanted several times, and properly treated, it will bloom in one year from seed. Chinese and Japanese varieties mixed. Per pkt. 20c.

Catchfly

A favorite hardy annual, one foot high, flowering freely, and suitable in any soil.

185. **CATCHFLY** (*Silene Armeria*), pink and white. Per pkt. 5c.

CENTAUREA

(Corn Flower or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

186. **CENTAUREA AMERICANA,** lilac flowers 3 ft. high. Per pkt. 5c.

187. —— **Depressa,** deep blue flowers, 1 foot in height. Per pkt. 5c.

188. —— **New Double Cornflower.**—Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to the *doubleness* of the flower, this strain contains a number of new shades. Pkt. 5c.

189. —— **Cyanus** (Blue-bottle), different shades of colors, mixed, 2 feet high. Per pkt. 5c.

190. —— **Suaveolens** (Sweet Sultan), bright golden yellow flowers; height 1½ ft. Per pkt. 5c.

The following are beautiful hardy perennial plants, with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sown early in spring.

Centaureas, white leaved.

192. —— **Candidissima Compacta.** Per 1000 seeds 75c., pkt. 10c.

193. —— **Gymnocarpa,** foliage more laciniated. Per 1000 seeds $1. pkt. 10c.

194. —— **Gymnocarpa Laciniata.** Per 1000 seeds $1, pkt. 10c.

CENTRANTHUS

Showy, low growing, hardy annuals, suitable for any ordinary garden soil.

195. **Centranthus Macrosiphon,** pink flowers, 1 ft. Pkt. 5c.

Centrosema Grandiflora, or Butterfly Pea

A hardy perennial vine of rare beauty. It blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea-shaped flowers, from 1½ to 2½ inches in diameter and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a cluster. It is well adapted for every garden purpose, and especially as a climber. Pkt. 10c.

CERASTIUM

(Snow in Summer).

One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant wild flowers.

196. **Cerastium Biebersteini** 6 inches high. Per pkt. 10c.

Chinese Primrose.—No. 204.

CHINESE PRIMROSE (Primula)

For parlor culture as well as for the greenhouse, no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We take particular pride in procuring every year the choicest varieties from one of the best and most celebrated growers in Europe. From the great demand we have, we procure the largest quantity of this genus in Canada.

204. **CHINESE PRIMROSE** (*Primula Sinensis*). **Single** red fringed; per pkt. 10c.
205. — —**Single** white fringed; per pkt. 10c.
206. — —**Striped** flower fringed; per pkt. 10c.
One pkt. each of the three varieties for 25c.
207. — —**Erecta Superba,** white fringed, in bunches borne well above the foliage; per pkt. 25c.
208. — —**Kermesina Splendens, single,** deep pink, fringed flowering; per pkt. 25c.
209. **Carter's Holborn Blue Primula,** a distinct and beautiful variety of Primrose, with azure-blue flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form, and are the first break in the way of blue primrose; per pkt. 50c.
210. **CHINESE PRIMROSE (Fern-leaved Macrophylla Frimbriata),** with long massive fern-like foliage and beautiful flowers of great substance, beautiful form finely fringed, in great varieties of colors, mixed; per pkt. 50c.
211. — —**WILLIAMS' PRIZE,** dark red, large fringed flowering; extra fine for pots; per pkt. 25c.
212. — —**Perfection Red,** very choice, new variety; per pkt. 50c.
213. — —**Alba Magnifica.** The finest pure white variety grown; flowers 2½ inches across with large yellow eye; per pkt. 50c.
214. — —**Erecta Superba, double white** flowering variety of No. 207; reproduced well from seed; per pkt. 50c.
215. — —**Erecta Superba, double pink,** fringed flower; per pkt. 50c.
216. — —**Kermesina Splendens, double,** deep pink; per pkt. 50c.

Benary's collection of Chinese Primroses; the finest in the world. Price, $2.50.

Carter's Holborn Blue Primula.

CLEOME (Spiderwort). Very pretty half-hardy fragrant annuals, 2 feet high, flowers somewhat resemble a spider.

229. **CLEOME, Purpurea,** purplish blue flowers; per pkt. 5c.
229½. —**Pungens.** *(Giant Spider Plant).* This is a showy, robust growing plant, 4 to 5 ft. high, producing long curious spikes of flowers of bright rose color with long antennæ-like stamens giving a graceful cloud-like effect; of easy cultivation, blooming when small, and continuing until late in the season; per pkt. 10c.

CLIANTHUS

(Glory Pea of Australia)

230. A splendid half-hardy shrub, 3 feet high, with large, rich crimson shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year; per pkt. 25c.

CLINTONIA

Elegant, tiny half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets.

231. **Clintonia Pulchella,** per pkt. 10c.

COBÆA

Elegant rapid growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers large and bell-shaped.

232. **Cobæa Scandens,** per pkt. 10c.

Cineraria Flower.—Such as our strain of seed produces.

CINERARIA

Hybrida or flowering varieties. A popular class, mostly indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring, in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors.

217. **Cineraria Hybrida,** extra select mixed; per pkt. 25c.
218. —**Hybrida Maxima,** flowers twice as large as those of the preceding, and the plants not over 9 inches high; per pkt. 50c.
219. — —**Pumila Kermesina,** bright crimson dwarf variety, about 4 inches high, flowers large, perfect and profuse; per pkt. 50c.
220. —**Hybrida, double flowered,** representing every shade of color, unquestionably one of the best of recent introduction; per pkt. 50c.

BEDDING CINERARIAS

221. —**Maritima,** a hardy perennial, extensively used for bedding purposes on account of the silvery, finely fringed foliage; per pkt. 5c.
222. —**Acanthifolia,** silvery leaves, beautifully cut, 1 ft. high; per pkt. 10c.

CITRUS (Lemon Tree).

A most appropriate plant for indoor or parlor culture, growing easily under ordinary care, and producing in time, most beautifully fragrant flowers.

223. **Citrus Myrtifolius, sinensis,** myrtle leaved; per pkt. 10c.

CLARKIA.

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

224. **Clarkia Elegans, "Mrs. Langtry,"** a beautiful form of Clarkia. The petals have an even edge, the color of the flower being purest white, with an evenly defined disc, or centre, of brilliant carmine-crimson. It is remarkably free flowering, of dwarf compact habit; as a pot-plant or for bedding purposes, it will be most welcome, and its easy cultivation specially recommends its use for children's gardens and amateurs generally per pkt. 10c.
225. — —**Integripetala, fl. pl.,** rich magenta color, double; per pkt. 5c.
226. **Double and Single Varieties mixed;** per pkt. 5c.

Clarkia Elegans, "Mrs. Langtry."—No. 224.

CLEMATIS Virgin's Bower

These hardy perennials are mostly rapid growing climbers, producing an abundance of interesting, sweet-scented, and showy flowers.

227. **Clematis Flammula,** sweet-scented white flowers; per pkt. 5c.
228. **Jackmanii** rapid climber, with intense deep violet purple flowers of large size; per pkt. 10c.

AMERICAN GARDEN. This new paper will be supplied to our customers free for one year (24 numbers) as a premium on every order of Seeds, Bulbs or Plants, amounting at regular catalogue prices to $5.00, but this offer does not apply to Tools, Fertilizers, Farm Seeds or Potatoes, or any collections which are sold at special nett reduced rates.

Cobæa Scandens.—No. 232.

"Golden Yellow" Japan Branched Cockscomb. No. 238.

COCKSCOMB, or Celosia

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost in a sheltered position, and attention paid to removing all side branches, when very young, so as to produce one strong head.

233. **CELOSIA CHRISTATA, Giant,** mixed colors. Per pkt. 5c
234. — — **Dwarf,** mixed colors. Per pkt. 10c.
235. — **President Thiers.** This is one of the most dwarf of all Cockscombs and bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima, and, when so planted, made one of the most brilliant strips of border bedding ever seen, its heavy compact heads making a solid mass of crimson, contrasting against the foliage of other plants. Pkt. 10c., 3 for 25c.
235½. **Celosia, Glasgow Prize, or Tom Thumb.** A fine dwarf variety, dark leaves and crimson combs.
236. — **Japonica (Japanese Cockscomb),** plants 2½ feet in height, dark red foliage and stem, purplish-scarlet head. Per pkt. 10c.
237. — **Feathered Varieties in Finest Mixtures.** The feathered varieties of the Celosia family rank amongst the most decorative annuals and are equally effective if planted in groups or as solitary plants. The plants are of uniform size, while the feathery flower heads on numerous branches are of most brilliant and distinct colors, brilliant scarlet and golden yellow predominating. Per pkt. 10c.
238. **"Golden Yellow" Japan Branched Cockscomb** *(Celosia Japonica aurea).*—In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about two feet high—each branch being surmounted with finely ruffled comb—of bright golden yellow. Price, 10c. per pkt.

Cockscomb Pyramidalis.—No. 237.

COCCINEA INDICA
Or Scarlet Fruited Ivy Leaved Climber

This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet spotted with white.
239. **Half-Hardy Perennial,** 10 feet. Per pkt. 10c.

COLEUS

Beautiful ornamented foliage plants both for hothouse and bedding out during summer; the broad oblong leaves being of a deep crimson brown color, edged with green, or yellow, or salmon color, or mottled in a most picturesque manner.
240. **Coleus Hybridus,** finest mixture. Per pkt. 25c.

COLLINSIA

Very neat, hardy annuals, 1 foot high, growing in any light soil.
241. **COLLINSIA Bicolor, mixed,** flowers purple, lilac and white spotted. Per pkt. 5c.

COLLOMIA

A hardy annual, about 18 inches high, scarlet flowers, neat in bouquets, grown in any light soil.
242. **Collomia Coccinea.** Per pkt. 5c.

COLUMBINE (see Aquilegia)

COMMELINA

A pretty biennial of easy culture and of low growth; flowers bright sky-blue.
243. **Commelina Cœlestis.** Per pkt. 5c.

Dwarf Cockscomb.—No. 234.

CONVOLVULUS
(DWARF MORNING GLORY)

Very popular hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.
244. **CONVOLVULUS Minor, mixed** (Tricolor), sometimes striped sky-blue, white centre, yellow eye. Per pkt. 5c., oz. 25c.
245. — — **Double Flowering,** flowers variegated, semi-double, but not very constant from seed. Per pkt. 5c.
246. — **Mauritanicus,** a hardy trailing perennial, with sky-blue flowers, 1½ inches in diameter, suitable for hanging baskets. Per pkt. 10c.

COSMOS

This plant for fall blooming has no superior. Sow in April or May, and transplant to open ground; from September till November they will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like Chrysanthemums, they are grand. Colors, from pure white to purplish-crimson. Both foliage and flowers are unsurpassed for bouquets and vases.
247. **Cosmos.** Per pkt. 10c., 3 pkts. 25c.

COWSLIP

A well-known, hardy, early flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant.
248. **Cowslip** *(Primula Veris Suaveolens).* Per pkt. 5c.

CUCUMIS

249. **Cucumis Flexuosus** (Snake Cucumber), fruit resembling a long green snake, upwards of 7 feet in length, a great curiosity. Per pkt. 5c.
250. — **Perennis, or Perennial Gourd,** a rapid growing, half-hardy perennial climber, handsome fruit. Per pkt. 10c.

WILD CUCUMBER VINE

Of all the climbing vines the Wild Cucumber grows the most rapidly and is indispensable for covering arbors, fences, screens, etc. The beautiful green foliage, thickly interspersed with delicate white flowers, is so dense that it most effectually conceals unsightly objects. The vine grows readily from seed, and in an ordinary season will quickly attain the height of 15 or 18 feet. Six plants are sufficient to cover a space of 15 feet square. Once established it will resow itself year after year.
251. **Wild Cucumber Vine.** Per pkt. 5c., oz. 25c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the border; admirably adapted for pot culture for blooming in winter.
252. **Cuphea Platycentra (Cigar Flower),** one foot high, intense scarlet flowers. Per pkt. 10c.
253. — **Hœzlii,** 3 feet high, brilliant scarlet flowers, blooming in winter. Per pkt. 10c.

CYCLAMEN

A graceful, tuberous, greenhouse or parlor plant, with beautiful deep pink or white fragrant flowers.
254. **Cyclamen Persicum Giganteum.** Per pkt. 10c., 3 pkts. 25c.

CYCLANTHERA

Fast growing, hardy annual climbers, fringed foliage, oval-shaped fruit.
255. **Cyclanthera Explodens.** Per pkt. 5c.

Cosmos.—No. 247.

CYPERUS (Umbrella Plant)

256. **Cyperus Alternifolius Variegatus,** a handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Per pkt. 10c.

CYPRESS VINE (Ipomœa)

A beautiful scarlet or white flowering climber.
257. **Cypress Vine** *(Ipomœa Quamoclit).* Per pkt. 5c.

Collinsia Bicolor.—No. 241.

Cyclamen.—No. 254.

DAHLIA.

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. A packet of seed will produce not less than fifteen plants which would cost if purchased as bulbs, over $2.00. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

258. **Best Mixture of Double Dahlias.** A mixture of the best large flowering, Pompone and Liliput Dahlias, partly from separate colors which will possibly produce some entirely new sorts not yet introduced. Per pkt. 10c., 3 for 25c.

259.—**Dwarf or Liliput, Mixed.** The habit of the plant is extremely graceful forming handsome globular bushes. Per pkt. 10c.

260.—**Single, Mixed,** saved from splendid new varieties, which for brilliancy of color cannot be surpassed. Per pkt. 10c.

For Dahlia roots see under Bulbs and Plants.

Datura Fastuosa.—No. 266.

Daisy—No. 261.

DOUBLE DAISY (Bellis Perennis.)

261. **Simmers' Mammoth Daisies,** the double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts. Per pkt. 10c.

262.——**Pure White,** double, valuable for florists. Per pkt. 10c.

263.——**Longfellow,** fine large flowering, dark rose flowers. Per pkt. 10c.

264. **New Snowball Daisy.** A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. This flower needs no recommendation as a bedding and border plant. Per pkt. 15c.

DATURA, or Trumpet Flower.

This genus forms part of our most showy plants, both with respect to flower and foliage; flowers are trumpet-shaped, about six inches in length and very fragrant they are half-hardy annuals, but every part of them is narcotic.

265. **Datura Cochin Chinensis** (atroviolacea plena), 6 feet high, flowers semi-double, purple outside, paler, nearly white inside. Per pkt. 5c.

266.—**Fastuosa, fl. pl.,** 3 ft. high, large semi-double white flowers. Per pkt. 5c.

267.——**Purpurea, fl. pl.,** the purple flowering variety of the preceding. Per pkt. 5c.

268.—**Humilis, fl. pl.,** 2 feet high, very double, white, fragrant flowers. Per pkt. 5c.

Double Rocket Larkspur. No. 272.

DICTAMNUS.

Very pretty hardy perennials; the leaves have a pleasant smell, like lemon peel, when rubbed.

269. **Dictamnus Fraxinella, or Gas Plant.** It is perfectly hardy. The ordinary purplish pink form, while not showy is stately, and the white variety is really handsome. Moreover, the flowers remain for a long time, while the odor is like that of lemon peel. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Per pkt. 10c.

270.—**Fraxinella Alba,** white flowers. Per pkt. 5c.

DIDISCUS.

A half-hardy annual, 2 ft. high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets.

271. **Didiscus Cœruleus.** Per pkt. 5c.

DELPHINIUM, or Larkspur.

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year. See Assortments, page 37.

Digitalis Purpurea. Variegated Foxgloves.—No. 280.

Dolichos Giganteus.—No. 282.

DELPHINIUM, or Larkspur—Continued.

HARDY ANNUAL VARIETIES

272. **Delphinium, Ajacis, fl. pl.** (Double Rocket Larkspur), 2 feet high, with long spikes of various shaded flowers. Per pkt. 5c.

273.—**Hyacinthiflorum, fl. pl.** (Hyacinth Flowered Double Rocket Larkspur), 1½ feet high, more compact in growth, flowers as fine as the preceding. Per pkt. 5c.

Delphinium Candelabrum—No. 275.

274. **Larkspur, double stock-flowered branching brilliant carmine.** *(Delphinium consolida fl. pl.)* Undoubtedly the finest and most brilliant color amongst Larkspurs hitherto obtained. The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Per pkt. 10c.

275.—**Consolida Candelabrum, fl. pl.,** of compact branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra like outline. Per pkt. 10c.

HARDY PERENNIAL VARIETIES

276. **Delphinium Formosum,** 2 ft. high, flowers in large spikes of exquisite blue and white. Per pkt. 5c.

277.—**Nudicaule,** of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Per pkt. 15c.

278.—**Sinense,** 2 feet high, flowering in loose clusters, sky-blue, white or pink, excellent for bouquets. Per pkt. 5c.

DIELYTRA (Bleeding Heart).

A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems.

279. **Dielytra Spectabilis.** Per pkt. 10c.

DIGITALIS (Fox Glove, or Witches' Finger.)

Well-known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white; height about three feet.

280. **Digitalis Purpurea,** mixed colors. Per pkt. 5c.

281.—**Gloxiniæflora,** large flower spikes, beautifully spotted, mixed. Per pkt. 10c.

DOLICHOS (the Egyptian or Hyacinth Bean.)

A favorite hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored.

282. **Dolichos Giganteus.** Per pkt. 5c.

DRACOCEPHALUM, or Dragon's Head.

Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seeds.

283. **Dracocephalum Moldavicum,** annual, 2 feet high, blue flowers. Per pkt. 5c.

LIBERAL PREMIUMS ON ALL SEEDS IN PACKETS

To induce our Patrons to form Clubs to purchase SEEDS in quantity, we will offer the following LIBERAL DISCOUNTS on all Seeds in packets:

Purchasers remitting	$1.00	may select Seeds in packets amounting to	$1.15
"	"	2.00	"	"	"	"	2.35
"	"	3.00	"	"	"	"	3.60
"	"	4.00	"	"	"	"	4.80
"	"	5.00	"	"	"	"	6.00

The above discounts apply to Seeds IN PACKETS ONLY, but do not apply to ounces, pounds, etc.

Dianthus Heddewigii, fl. pl., or Double Japan Pink.

Dianthus—Pinks

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height 1 foot. The hardy p rennial varieties are very fragrant and of easy culture in the garden or greenhouse.

Double Annual Varieties.

Pkt.

284. **DIANTHUS, Imperialis, fl. pl.,** (double Imperial Pink), about 6 inches high, in great variety of shades. Per oz. 75c..... 5c.
285. **—Chinensis, fl. pl.** (Double China or Indian Pink), about 12 inches high, of robust growth, extra double flowers, in great variety. Oz. 50c. 5
286. **—White Frill, or Mourning Cloak.** Double flowers of large size, rich and unique colors; rich purple-maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast..... 10
287. **—Coronatus, fl. pl.,** carnation striped, double China Pink..... 10
288. **—Sinensis Heddewigii, fl. pl.,** Japan Pink, robust, growing exceedingly large, distinct showy flowers..... 5
289. **—Heddewigii Albus Grandiflorus, fl. pl.,** very large double white flowers..... 10
290. **—Laciniatus, fl. pl.,** very large double fringed flowers..... 10
291. **—Coronatus Heddewigii, Diadematus, fl. pl.,** (double diadem Japan Pink), extremely double, large flowering, improved variety, beautiful shades..... 10

Single Annual Varieties.

292. **—Crimson Belle,** very fine, large rich crimson flowers.....10c.
293. **—Eastern Queen,** beautifully marbled, with broad bands of reddish lake upon petals. Most valuable... 10

Dianthus. Crimson Belle and Eastern Queen.—No. 293.

Dianthus, Hardy Perennial Varieties

294. **DIANTHUS, Barbatus (Sweet William),** 1 foot high, fine variety of colors, single, mixed 5c.
295. **—Barbatus, fl. pl., Double Flowering Sweet William,** brilliant variety, mixed..... 10
296. **—Plumarius, fl. pl.,** double flowered, pleasant eyed Pink, exquisitely fragrant..... 10
297. **—Superbus Nanus,** double white dwarf, an excellent and profitable variety for florists and for bedding out..... 10
298. **—Pruinosus,** a hybrid of Sweet William, its flowers and growth being in every respect of unusually large dimensions..... 10

Everlastings

This class of plants has become very popular, and they are generally cultivated for their beautiful rich-colored flowers, which are desirable for making up winter bouquets, wreaths, and Christmas decorations. They should be cut when they come into full bloom, or before the flowers get too old and lose their bright colors, tied in small bunches, and dried slowly in the shade, with their heads downwards, to keep the stems straight.

ACROCLINIUM

A beautiful class of half-hardy annuals 1 foot high; graceful border plants. Per pkt.

299. **Acroclinium Roseum, fl. pl.,** double flowers..10c.
300. **Acroclinium Roseum,** mixed, rose and white 5

Acroclinium Roseum, fl. pl.—No. 299.

AMMOBIUM (Winged Ammobium)

301. **Ammobium Elatum.** A half-hardy, biennial, flowering the first year, double white, with yellow centre..... 5c.

ELICHRYSUM

302. **Elichrysum Brachyrrhinchum** (Golden Ball), 1 foot high, bright yellow flowers..... 10
303. **—Bracteatum** (Snowball)..... 5
304. **—Bracteatum** (Fireball)..... 5
305. **—Compositum Minimum,** dwarf, mixed, quite distinct..... 5
306. **—Monstrosum, fl. pl.,** 3 ft. high double mixed 5

Acroclinium Roseum—Pink Everlasting.—No. 300.

BRAMPTON, April 24, 1893.

DEAR SIR:

The seeds, etc., safely to hand, in fine condition, with many thanks for same.

Yours truly,

L. H. EATON.

Elichrysum Monstrosum.—No. 306.

Everlastings

(CONTINUED)

GLOBE AMARANTHUS

Handsome, favorite, hardy annuals, requiring light soil, and flowering freely in many shades during the whole summer. Per pkt.

307. **Globe Amaranthus** (*Gomphrena Globosa*) bright purple flowers, 18 inches high..... 5c.
308. — — **White**..... 5
309. — — **Variegated,** speckled..... 5
310. — — **Orange-yellow**..... 5

HELIPTERUM

311. **Helipterum Sandfordii,** pretty, dwarf hh.a., with bright yellow globular clusters of flowers 10

PODOLEPIS

Half-hardy annuals, free flowering, fine for borders.

312. **Podolepis Chrysantha,** 1 foot, golden yellow 5c.
313. **—Superba,** dark red..... 5

RHODANTHE

One of the neatest of the genus of Everlasting flowering half-hardy annuals known, of low growth, in different shades of bright pink and white, with yellow disk.

314. **Rhodanthe Maculata,** 1 ft., deep carmine ...10c.
315. **—Maculata Alba,** pure white..... 10
315½. **—Atrosanguinea,** dwarf, purplish crimson.. 10

SEA LAVENDER, or Statice

316. **Statice Bonduelli,** 1 foot, bright yellow...10c.
317. — — **Alba,** white, variety of the preceding.. 10
318. — **Incana,** hardy perennial, sky-blue flowers 5

XERANTHEMUM

A showy class of Everlastings. Hardy annuals

319. **Xeranthemum Annuum,** double white..... 5
320. **—Imperiale,** double, dark violet-purple.... 10
321. — — **Superbissimum, fl. pl.,** distinct, double 10

MIXED EVERLASTINGS

A single packet will supply in abundance a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor when looking through the garden than a small bouquet of these imperishable flowers. Large packet 10 cents, or three packets for 25 cents.

Globe Amaranthus.—No. 307.

Eschscholtzia.

ECCREMOCARPUS (Calampelis)

A rapid growing tender annual, with compact and pretty foliage, producing numerous clusters of handsome, tube-shaped, orange-scarlet flowers.

323. **Eccremocarpus Scaber.** Per pkt. .... 10c.

ECHEVERIA

A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad, massive, fleshy leaves. Per pkt.

324. **Echeveria Metallica,** bronzed-colored leaves. .....25c.

ERYSIMUM (Hedge Mustard)

A handsome free-flowering, hardy annual, 1½ feet high, orange colored fragrant flowers, very showy.

325. **Erysimum Perofskianum**.....10c.

ERYTHRINA (Coral Plant)

An ornamental, half-hardy perennial shrub, fine for out-door summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers ; 5 feet.

326. **Erythrina Crysta-Galli** .....10c.

ESCHSCHOLTZIA (California Poppy)

Very showy, hardy annuals, flowering abundantly until very late in autumn, similar to Poppies; of dwarf growth ; succeeding in any soil.

327. **Eschscholtzia Californica,** orange..... 5c.
328. — — Rose colored 5
329. — — White 5
330. — — **Mandarin,** brilliant scarlet, distinct..10

EUPHORBIA (Snow on the Mountain)

331. **Euphorbia Variegata,** a half-hardy annual, 1½ feet high, with showy, nicely veined and marginal foliage ; excellent for borders..10c.
332. **Euphorbia Heterophylla.** (The gorgeous Annual Poinsettia.) "Mexican Fire Plant" or "Fire on the Mountain." 3 pkts. for 25c....10

EVERLASTING PEA (see Lathyrus)

EVENING PRIMROSE or Sun Drops (see Œnothera)

FERN SEED

A graceful magnificent class of plants, generally known. To raise them from seeds, however, is attended with some difficulty ; full directions in that respect are printed on the packages.

333. **Ferns,** a choice mixture of hardy kinds .....15c.
Collection of **Ferns,** 12 varieties $1.50

FEVERFEW (see Matricaria)

FORGET-ME-NOT

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries.

334. **Forget-Me-Not, Alpine** (*Mysotis alpestris*), 4 inches high, delicate sky-blue ..... 5c.
335. — **Victoria.** The flowers are large and of a bright azure-blue with yellow centres. The plants form neat bushes completely covered with flowers ; a valuable variety for cut-flowers and pot culture...10
336. — — **Compact Blue,** 9 inches high 10
337. — — **Dark Blue** (*azorica*), flowers half an inch across, rich torquoise blue, without eye, large clusters 10
338. — — **White flowering** 10
340. — — **Clear Blue** (*dissitiflora*). One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower of a sheet of most exquisite blue ; attractive and pretty.....10
341. — **Palustris,** beautiful blue flowers, 1 foot high, suitable for swampy ground..... 5

FOUR O'CLOCKS (see Marvel of Peru)

FRAGARIA

A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year, a desirable plant for hanging baskets. Per pkt.

342. **Fragaria Indica** (*Indian Strawberry*) .....10c.

FREESIA

343. **Freesia, Refracta Alba,** very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow thrust and are exquisitely fragrant. 3 pkts. for 25c. .....10c.

FUCHSIA (Lady's Ear Drop)

A most pre-eminently beautiful popular greenhouse or parlor plant, generally known by the name of *Lady's Ear Drop.*

344. **Fuchsia,** variegated mixed..... .25c.

GERANIUM

345. **Geranium, Zonale,** scarlet sorts mixed.....10
346. — **Tricolor,** including the finest tricolor varieties.....25
347. — **Silver-leaved,** mixed varieties 25
348. — **or Pelargonium,** from fancy and spotted greenhouse varieties..25

GILIA

Hardy annuals, very free flowering, suitable for sowing in masses.

349. **Gilia Achillæfolia Rosea,** 2 feet high, rosy flowers 5
350. — **Capitata,** 2 feet, sky-blue..... 5
351. — **Tricolor,** 1 foot, white, lilac and purple..... 5

GLADIOLUS

Showy, popular bulbous plants, of the most brilliant shades of colors.

352. **Gladiolus Gandavensis** 10

Flowering Bulbs of Gladiolus named varieties and mixtures are offered on page 64.

Freesia (Refracta Alba).—No. 343.

GAILLARDIA

Truly elegant, half-hardy, biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of cockades.

353. **Gaillardia Grandiflora,** the largest flowering variety of these popular annuals, very showy, many colors, mixed .....10c.
354. — **Picta Lorenziana.** The ray and disc flowers of this new variety develop into tubular funnel-shaped florets, one above another.....10

Hardy Perennial Varieties.

355. **Gaillardia Hybrida Maxima.** These are the choicest of Hardy Perennials ; flowers are large, numerous, excellent for cutting and of brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower. Many colors, mixed.....10c.

GAMOLEPIS

Half-hardy annual, 1 foot, with feathered foliage and dark yellow, star-like, numerous flowers.

356. **Gamolepis Tagetes** .....10c.

GENTIANA

357. **Gentiana Acaulis,** short stemmed hardy perennials, much used for edging ; flowers dark blue 10

Refer to Index for Flower Seeds you cannot Readily Find.

Striped Flat Ornamental Gourd—No. 380.

Siphon Ornamental Gourd.—No. 379.

Pear Shaped Gourd.

Gloxinia Crassiflora.

GLAUCIUM (Horn Poppy).

Gray tinge, ornamental, hardy, robust, perennial foliage plants, much used for ribboning or border planting. per pkt.

358. **Glaucium Corniculatum** (Horn Poppy)..... ..... 10c.

GLOBE AMARANTHUS (see Everlastings)

GLOXINIA (Hybrida Crassiflora).

A bulbous rooted plant, producing in great profusion, during the summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 foot.

359. **GLOXINIA GRANDIFLORA, with erect flowers,** a mixture of the finest spotted and blotched varieties ..... 25c.

360. — **with drooping flowers**..... 25

(Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb, 50 cents, postpaid.)

GODETIA

Highly ornamental hardy annuals, 2 feet high, flowering in various shades of lilac and purple; growing in any kind of soil.

370. **GODETIA Insignis,** large flowered, mixed ..... 5c.

371. — **Lady Albemarle.**—Flowers large, of carmine crimson shade; the edges of the petals suffused with pale lilac dwarf..... 5

372. — **Lady Satin Rose.**—A most magnificent sort, unequalled for brilliancy and richness of colors. The flowers, which are produced in remarkable abundance, are of a brilliant deep rosy-pink, the surface shining like satin 5

GOLDEN FEATHER (see Pyrethrum)

GREVILLEA (Silk Oak)

373. **Robusta.**—Very beautiful and graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects; tender perennial, 3 to 5 feet, ... 10

GOURDS (Ornamental)

This most curious and interesting family is but little known and we have succeeded in collecting in Europe one of the most complete lists ever offered. The forms may be wonderfully varied by tying strings around the young fruits, or by enclosing the same in a carved mould while growing, thus stamping on its surface any desired figures or letters which may be carved on the mould. Start the seed in pots in the house and plant as soon as danger from frost is over, as nearly all the larger sorts require the whole season to mature properly. Give them a sunny situation and plenty of water. **Customer's Selection** of 6 pkts. for 25c. per pkt.

374. **GOURD, Flat Corsican,** fruit in form of flat bottles ..... 5c.

375. — **Dipper,** a favorite variety..... 5

376. — **Herculean Club,** fruit like large clubs..... 5

377. — **Bottle,** resembling a large bottle 5

378. — **Orange,** fruit like an orange 5

379. — **Pear,** like a pear in shape..... 5

380. — **Siphon,** fruit resembling a siphon horn..... 5

381. — **Striped Flat,** green striped, very pretty 5

382. — **Nest-Egg,** resembling an egg..... 10

383. — **Serpent,** fruit five to six feet in length, which, when ripe, becomes a brilliant carmine color (scarce) 10

384. — **Mixture** of most of the above 5

GRONOVIA

A beautiful, half-hardy annual, rapid growing climber; neatly divided foliage, and small bright yellow berries.

385. **Gronovia Humboldtiana**..... 10c.

GYPSOPHILA

Hardy annual or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

386. **GYPSOPHILA Paniculata,** white, fine for bouquets ..... 5c.

387. — **Elegans,** annual, 2 feet high 5

388. — — **Rosea,** rosy flowers 5

389. — **Saxifraga,** perennial, trailing white flowers..... 5

SEEDS OF ORNAMENTAL GRASSES

Among the multitudes of plants cultivated for ornamental purposes, some varieties of grasses are now considered as deserving a place, and no doubt their elegant form and delicate structure justly entitle them to the regard of every admirer of natural beauty. For this reason great attention is now paid to their cultivation in every pleasure ground throughout Canada with great success. The neatly formed flower stems of some of them are made use of with great advantage in bouquets, both dried and in a green state. In the following list we offer a few of the most desirable varieties. See also Assortments, p. 37.

per pkt.

390. **Agrostis Nebulosa,** annual dwarf, very graceful ..... 5c.

391. **Aira Flexuosa,** perennial, 1 foot high 5

392. **Arundo Festucoides Aureo-Variegata,** perennial, striped.. 10

393. **Avena Sterilis** (Animated Oats), 2½ ft., drooping flowers 5

394. **Briza Compacta** (Quaking Grass), 2 feet high, annual..... 5

395. **Briza Maxima,** annual, 1½ feet high 5

396. **Bromus Brizæformis** (Brome Grass), perennial, 1 foot 5

397. **Cenchrus Echinatus,** annual, dwarf and interesting 5

398. **Chrysurus Cynosuroides** (Lamarkia), annual, dwarf, yellow. 5

399. **Coix Lachrymæ** (Job's Tear), tropical annual..... 10

400. **Eragrostis Filamentosa** (Love Grace), annual, 1½ feet high.. 5

401. **Erianthus Ravennæ,** hh. p., similar to pampas grass, 7 feet.... 10c.

402. **Festuca Altissima,** perennial, very large, 12 ft., very graceful. 10

403. **Gynerium Argenteum** (Pampas Grass), half-hardy perennial, 7 to 10 feet high, very stately looking 10

404. **Hordeum Jubatum** (Squirrel Tail Grass), annual, 3 feet high. 5

405. **Lagurus Ovatus,** annual, 1 foot high, very pretty 5

406. **Panicum Plicatum,** perennial, 4 feet high, magnificent 5

407. **Pennisetum Longistylum,** annual, 1½ ft. high, very graceful. 5

408. **Stipa Pennata,** (Feather Grass), perennial, 1½ feet high 10

409. **Tricholena Rosea,** annual dwarf, rosy spikes 5

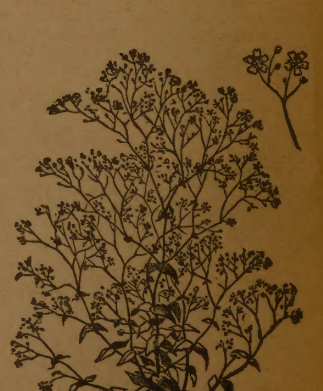
410. **Uniola Latifolia,** annual, 1½ feet high, very pretty..... 5

The above entire collection, 1 packet of each of 21 sorts of Ornamental Grasses, for $1.00. FREE BY MAIL.

Feather Grass.

Quaking Grass.

Pampas Grass.



Gypsophila Elegans.—No. 387.

HEDYSARUM

411. **Hedysarum Gyrans** *(The Telegraph Plant).* Possesses the remarkable property of setting one or more leaves in motion for an indefinite time without any apparent cause. Per pkt. 25c.

HELIANTHUS or SUNFLOWER

Although this class is already a common and popular one, it contains a number of handsome and useful varieties not generally known or cultivated. In addition to the Mammoth Russian Sunflower, which is planted for its seeds (excellent as a chicken feed), we offer the following list of choice sorts which make beautiful plants for lawns, along fences, etc. The foliage of some is very decorative, while the mammoth flowers of others elicit general admiration. Their easy culture as well as showiness should secure them a place in every garden.

412. **HELIANTHUS Nanus, fl. pl.,** a dwarf variety growing about 2½ feet high, flowers very double, rich golden yellow, five to seven inches in diameter. Per pkt. 5c., oz. 20c.
413. — **Annuus, fl. pl.,** extra large and very double flower. Pkt. 5c., oz. 20c.
414. — **"Texas Silver Queen."** This new strain of *Helianthus argophyllus* is a marvel when in full bloom, and previous to flowering its silvery foliage is very showy. It is at home in the South, where it attains a height of ten feet, branching from the ground to the top, and forming a perfect pyramid with upwards of one thousand flowers on the one plant. Per pkt. 10c., 3 for 25c.

Helianthus or Sunflower.—No. 412.

415. — **Oculatus, fl.pl.,** very double, tall, yellow, green centre. Per pkt. 5c.
416. — **Globosus Fistulosus,** flowers immense, from twelve to 15 inches in diameter, globular and **extremely double,** the most effective of all annual Sunflowers. Per pkt. 5c., oz. 15c.
417. **Multiflorus,** hardy perennial, 5 to 6 feet high. Per pkt. 5c.
418. **Mammoth Russian.** As the name implies, of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Per pkt. 5c., ¼ lb. 10c., lb. 25c.

HELIOTROPIUM

Popular indoor or greenhouse plants of low growth, with deliciously fragrant purplish-blue or lilac trusses of delicate flowers.

419. **HELIOTROPIUM Peruvianum,** mixed. Per pkt. 10c.

HELIPTERUM (see Everlastings)

HELLEBORUS NIGER (Christmas Rose)

A low growing, early flowering perennial, beautifully shaped, large, leathery, thick leaves.

420. **Helleborus Fœtidus.** Per pkt. 10c.

HESPERIS or Rocket (Dame's Violet)

Popular, hardy, fragrant flowering perennials, 2 feet high.

421. **HESPERIS MATRONALIS,** purple flowers. Per pkt. 5c.
422. — — white flowers. Per pkt. 5c.

Simmers' Superb Double HOLLYHOCKS

(ALTHÆA ROSEA)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

425. **CHATER'S EXTRA DOUBLE,** most beautiful and true. Pkt. 15c.
426. — **Althæa Rosea, fl.pl.,** tall, double Hollyhocks, from the best improved double varieties; various colors, mixed. Per pkt. 10c.
427. — **Rosea Nana, fl.pl.,** dwarf, distinct variety, only two or three feet high, various colors. Per pkt. 10c.
428. — **New Japanese, "Tokio."** A most beautiful and characteristic Japanese variety, of healthy and luxuriant growth, attaining a height of about five feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully filled, of rich wine maroon at the base, shading to cherry red and edged white. Its striking effect attracts the attention of the most uninterested. Be sure to try this variety this season. Per pkt. 15c.

Collection of Hollyhocks—Chater's Prize Collection—12 varieties, 50c.

For Hollyhock plants to flower this year see Plant List.

HONESTY (Lunaria)

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance 2 feet high.

429. **Lunaria Rediviva.** Per pkt. 10c.

HOPS

This may be ranked among our most useful annual climbers. It is of incredibly rapid growth, and makes a thick cover on trellises, etc., and as it will thrive in almost any soil, and is only killed by hard frost, it is especially valuable.

430. **Hops** (Humulus Lupulus). Per pkt. 5c.
431. — **Humulus Japonicus,** undoubtedly one of the best climbers for covering verandahs, trellises, etc., never suffering by the heat or being destroyed by insects like so many other good climbing plants, but retaining its fresh and lively green color until late in the autumn. Per pkt. 10c, 3 for 25c.

HYACINTHUS

432. **Hyacinthus Candicans** (Cape Hyacinth). A most beautiful autumn blooming plant for flower beds or lawn decoration. The flowers are fragrant, one to two inches across, are creamy white, and borne on spikes from 4 to 5 feet long, giving it the appearance of a monstrous hyacinth. Half-hardy perennial, 4 to 6 feet. Per pkt. 10c.

HIBISCUS

A hardy, free flowering annual, 2 ft. high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed beds of flowers.

423. **Hibiscus Africanus** (Calisureus). Per pkt. 5c.
424. — **Syriacus** *(Double Rose of Sharon),* striking ornament of the garden, white and purple. Pkt. 10c.

"Texas Silver Queen" Sunflower.—No. 414.

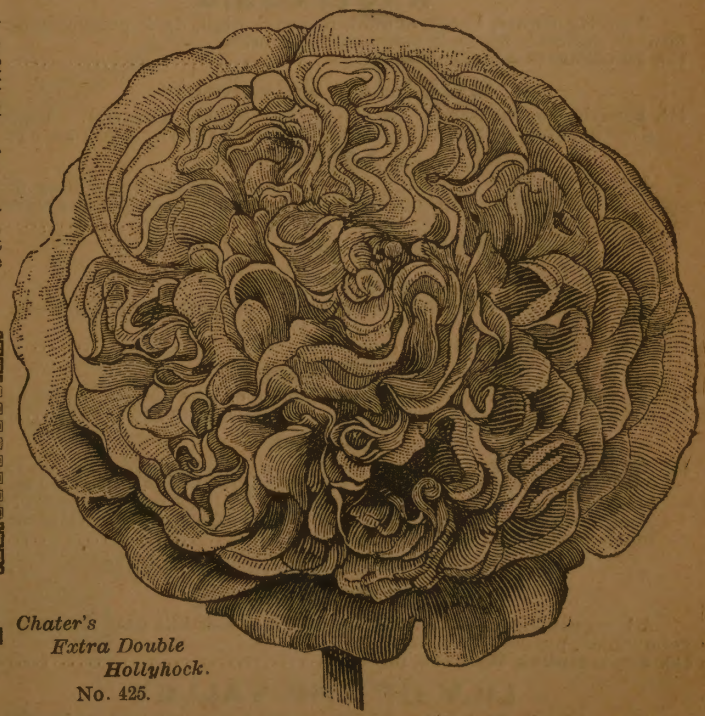
Cookstown, Apr. 27, '93.

Dear Sir,—

The seeds arrived in good order; very much pleased with the collection.

I remain,
Truly yours,
MRS. NICOL.

For Flower Seed Collections see Page 37.



Chater's Extra Double Hollyhock. No. 425.

HUMEA

A remarkably handsome plant, invaluable for decorative purposes ; in the centres of beds its majestic appearance renders it a most effective and striking object ; half-hardy biennial. per pkt.

433. **Humea Elegans**, red, 3 feet high .....10c.

ICE PLANT

A pretty little trailing plant, much used for garnishing, the leaves of which are covered with crystalline globules ; half hardy annual.

434. **Mesembrianthemum Crystallinum** (Ice Plant) ..... 5c.
435. — **Tricolorum** (Dew Plant) small, three-colored pink flowers 10
436. — **Cordifolium**, heart-shaped, variegated leaves.....20

IMPATIENS SULTANA Zanzibar or Sultan's Balsam

Of compact, neat habit, and almost a perpetual bloomer. Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rosy-scarlet, about 1½ inches in diameter.

437. **Impatiens Sultana** .....25c.

IPOMŒA (see Morning Glory and Cypress Vine)

IPOMOPSIS (Standing Cypress

Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange-scarlet.

438. **Ipomopsis Elegans**, bright scarlet flowers, stems 2 feet high .... 5c.
439. — — **Atrorosea Nana**, deep rose-colored flowers, stem 1½ feet high..10

LILIUM (Lilies)

Lilium Candidum, white, fragrant, very easily grown. Bulbs, per dozen, $1.25 ; each, 15c., postpaid.

Lilium Auratum. Bulbs, per doz., $2.50 ; each, 25c., postpaid.

For select list of Lily Bulbs for spring planting see further on.

LIMNANTHES

Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp shady places ; hardy annuals.

448. **Limnanthes Douglassi**.....10c.

LINARIA (Kenilworth Ivy)

Very pretty hardy annual or perennial, trailing or low growing plants.

449. **Linaria Alpina**, perennial lilac-shaded flowers .....10c.
450. — **Cymballaria** (Kentucky Ivy), perennial, purple and white 10
451. — **Hendersonii**, annual, 1 ft. high ; lilac and yellow-shaded flowers 5

LINUM (Flowering Flax)

A genus of free flowering hardy annual or perennial plants.

452. **Linum Grandiflorum Rubrum**, crimson flowering..... 5
453. — **Roseum**, rose-colored flowers 5
454. — **Perenne**, perennial blue 5

LOASA

Handsome half-hardy annual, with stinging leaves, 2½ feet high, remarkable for its highly-colored, interesting flowers.

455. **Loasa Tricolor** ..... 5c.

Layia Elegans.—No. 445

Lychnis.

Kaulfussia Amelloides.

KAULFUSSIA

A pretty dwarf, hardy annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds.

440. **Kaulfussia Amelloides** (mixed) ..... 5c.

KOCHIA (Belvidere)

441. **Kochia Scoparia** (the Belvidere, or Summer Cypress). Rapid growing graceful plants for mixed borders. Yellow, hardy an. 3 ft..10

LANTANA

A rapid growing, constant flowering, indoor shrub, for bedding during summer, 3 feet ; flowers in heads of yellow, pink orange or changeable colors.

442. **Lantana Hybrida**, fine mixed..... 5c.

LARKSPUR (see Delphinium

LAVATERA

Handsome, free-flowering, upright growing hardy annual, crimson rose flowers of the Mallow tribe.

443. **Lavatera Hybrida**..... 5c.

LAVENDER

444. **Lavender**, a hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance, perennials, from 1 to 2 feet..... 5c.

LAYIA

445. **Layia Elegans.** A pretty and attractive little hardy annual, for cut-flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. 10

Lemon Verbena (see Aloysia

LEPTOSIPHON

A low growing, showy, hardy annual, with star-like neat flowers, white yellow lilac, purple and violet.

446. **Leptosiphon Hybrids**, mixed.....10c.

LILY OF THE VALLEY

447. **Convallaria Majalis.** Lovely spring-blooming plants, bearing pure white fragrant bell-shaped flowers 10

LOBELIA (Compact Varieties)

Little round compact plants, fine for edgings, ribbon beds, etc., 4 to 6 in.

456. **Lobelia, Prima Donna**, a charming novelty, in habit it is dwarf and compact, with rich velvety crimson maroon flowers. 3 pkts. for 25c.10c.
457. — **Crystal Palace**, dark blue, the finest for bedding 10
458. — **White Gem**, pure white and compact habit 10
459. — **Emperor William**, dwarf, brilliant dark blue, large white eyes.10
460. — **Mazarine Gem**, compact variety, fine deep blue 10
461. — **Star of Ischl**, deep azure blue, a most beautiful variety 10

ERINUS VARIETIES

Branching plants for hanging over vases and baskets, 6 to 9 inches.

462. — **Gracilis**, light blue, slender trailing stems, grown for baskets.... 5
463. — **Erinus Grandiflora Stellata, or Paxtoniana**, large blue flowers, with a white eye, trailing 10
464. — **Erinus Globosa**, dense branched, rosy white flowers.....10
465. — **Erinus Speciosa**, large free-flowering, sky-blue, white centre.10

HARDY PERENNIAL VARIETIES

466. **Lobelia Fulgens** (Queen Victoria), beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage 10
467. — **Cardinalis**, beautiful scarlet, a native of Canada 10

LOPHOSPERMUM

Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy, foxglove-like flowers ; half-hardy annual or biennial.

468. **Lophospermum Scandens**, rosy purple flowers .....10c.

LOVE-IN-A-MIST, or Devil-in-the-Bush

Popular hardy annuals, of low growth, handsome in bouquets.

469. **Nigella Damascena**, blue-white, mixed ..... 5c.

LUPINUS, or Lupin (Sun Dials)

Desirable plants for bedding and bouquets. with long, graceful flower spikes, bearing richly colored flowers.

470. **Mixed Annual Varieties**..... 5c.
471. **Mixed Perennial Varieties** 5

LYCHNIS

Beautiful hardy biennial and perennial plants, 3 feet, remarkable conspicuous heads of brilliant scarlet-shaded flowers.

472. **Lychnis Chalcedonica**, perennial, bright scarlet flowers..... 5c.
473. — — **Grandiflora Gigantea**, a variety of the preceding, of dwarf nature, and with many large flowers 10

LYSIMMACHIA

474. **Lysimmachia Nummularia** (*Mother of Thousands*), a very pretty trailing plant of easy culture 10

MALVA MOSCHATA ALBA

Pkt.

474½. (*White Musk-Scented Mallow.*) This is an attractive garden plant, and grows into a pyramidal bush; produces numerous white flowers the size of a silver quarter. Thrives best in a warm situation ..... 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the mallow tribe.

475. **Malope Grandiflora,** white and rose mixed.. 5c

MARTYNIA

Handsome tropical annuals, for outdoor cultivation during summer, being raised indoors; two feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed-pods like horns.

476. **Martynia Formosa,** deep pink flowers..... 5c.
477. —**Lutea,** pure yellow flowers 5

MARVEL OF PERU (Four o'clocks)

Beautiful half-hardy annuals both for foliage and flowers, producing roots like Dahlias, which may be kept in a cellar during winter and replanted every spring; 3 feet high, flowers are fragrant, especially in the evening.

478. **Marvel of Peru** (*Mirabilis Jalappa*), in many shades, mixed.. 5c.

Marvel of Peru.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

Double African Marigolds

479. **MARIGOLD, Double Tall African** (*Eldorado*). The handsomest of the Marigolds, its colors ranging from palest yellow to the deepest orange; flowers are large, almost round, and very double ..... 10c.
480. —**Double Dwarf African,** 1 foot high, orange color..... 5
481. —**Double Tall African,** 2 ft. high, orange 5

Maurandia

Marigold, Double Tall African, Eldorado.

Double French Marigolds

482. —**Double French, tall Striped,** 2 feet high, yellow flowers, with a broad stripe on each petal ..... 5c.
483. —**Double Dwarf French,** 1 foot high, flowers velvety brown, finely edged yellow 5
484. —**Gold Nugget,** dwarf, dense growth and immense double flowers, which are of a peculiar shade of golden yellow 10

MATHIOLA (Evening Scented Stock)

A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening.

485. **Mathiola Bicornis**..... 5

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year with daisy-like double white flowers, 1 foot.

486. **Matricaria Capensis, fl. pl.,** known as bridal rose 5
487. —**Eximea Nana Aurea Crispa, fl. pl.,** dwarf growing, with golden yellow leaves, exquisite for bordering..... 10

MAURANDIA

The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture.

488. **Maurandia Barclayana,** purplish-blue 10
489. —**Semperflorens,** white 10

MELILOTUS, or Sweet Clover

490. **Melilotus Suaveolens** 5

MELOTHRIA PUNCTATA

500. **Melothria Punctata.** (African Oak-Leaved Climber.) A magnificent rapid growing climbing annual. Flowers are succeeded by great numbers of blue-brown berries.....25c.

Moonflower, or Evening Glory. A very rapid climber.

MIMULUS (Monkey Flower)

Pkt.

Extremely handsome dwarf growing, half-hardy biennials with delicate, large, beautifully tinted flowers, requiring shelter from the mid-day sun to bring them to perfection.

501. **Mimulus Cupreus,** spotted, marked, dotted and blotched, flowers on yellow ground..... 5c.

Mimulus Moschatus—See **Musk Plant.**

502. —**Simmers' Mammoth,** magnificent strain; unequalled for beautiful colors, enormous size; mixed colors 25
503. —**New Emperor.** The flowers are of the hose-in-hose style, remarkably rich and varied in color 25

MINA LOBATA

One of the Handsomest Climbers.

504. **Mina Lobata.** A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tube-shaped, borne on fork-like racemes and produced in great profusion. *Seed must be sown early* 10

MOONFLOWER

(Ipomœa Noctiflora)

505. **Moonflower** (*Ipomœa Noctiflora*). It bears in the greatest profusion its lovely, immense white flowers, 5 to 6 inches in diameter, with five-pointed star in the centre; the flowers open at dusk or earlier on cloudy days, at which time they are deliciously fragrant. Start early in the house and set out as early as safe in the spring; the vines make very rapid growth, often attaining a height of 25 feet in one season. Per packet 10c., 3 for .....25c.

MORNING GLORY

(Ipomœa)

Magnificent hardy annual climbers, very free flowering, trumpet-shaped, rich shades.

Pkt.

506. **Ipomœa Purpurea,** "Morning Glory," mixed, per oz. 20c., ¼ lb. 60c. 5
507. —**Grandiflora,** large flowering, Mexican..... 5
508. —**Rubro-cœrulea, or Violacea Vera,** splendid, large-flowering, sky blue, Mexican..... 5
509. —**Variegated Leaved Morning Glory,** with silvery white marbled leaves, distinct 10
510. —**Coccinea,** neat scarlet flowers, feathered leaves..... 10

LEPTOPHYLLA

511. **Leptophylla,** a remarkably hardy perennial tuberous plant, bushy, not climbing, fine foliage, large funnel-shaped rose-purple flowers..... 10

MOMORDICA

(Balsam Apple)

A trailing or low climbing half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds.

512. **Momordica Balsamina**..... 5c.

MUSK PLANT

This fragrant and universally favorite little plant is so well known that we need only remark that it is equally at home in the sitting room, greenhouse or flower garden; half-hardy perennial.

513. **Musk** (*Mimulus Moschatus*) ¾ feet..5c.

AMERICAN GARDENING

Is a magazine issued every two weeks, filled with practical, useful, seasonable matter, exactly on the line indicated by its name. We can mail you a sample copy on receipt of 4c. in stamps or take your subscription for $1 per year, 24 numbers. We also give this paper on every order for flower and vegetable seeds and plants (not on farm seeds, tools or like stock) amounting to $5 or over at catalogue rates. **Address subscriptions to Simmers' Seed Store, Toronto, Canada.**

MIGNONETTE

(RESEDA ODORATA)

Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

514. **Mignonette, Large Flowered,** sweet scented. Per pkt.5c, oz 20c., 2 oz. 35c., ¼ lb. 50c., 1 lb. $1.50.

515.—**New Giant Red,** large dark red stamens, fragrant. Per pkt. 10c.

516.—**Mile's Spiral,** of dwarf habit, branching, large flowered spikes. Per pkt. 10c.

517.—**Parson's White,** stamens white, flowers large and fragrant. Per pkt. 10c.

518—**Golden Queen.** An entirely distinct sort of dense pyramidal habit, with Golden Yellow flowers, which give it a most attractive appearance. Per pkt. 5c.

519.—**Compact Dwarf,** of upright, compact, branchy growth, almost circular, with reddish-tinted, numerous flowers. Per pkt. 5c.

519½.—**Gabrielle,** new, red, very sweet, spikes very thick, Pkt. 10c.

THREE GIANT MIGNONETTES

520. **Mignonette, "The Prize."** This is a distinct variety, flowers being unusually large, as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Per pkt. 10c.

521.—**Machet.** This extremely fine variety is undoubtedly the best Mignonette yet sent out. Vigorous dwarf pyramidal plants, very stout flower stocks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Per pkt. 10c.

522.—**Bird's Mammoth.** Largest variety grown; under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Per pkt. 10c.

SPECIAL.—One pkt. of each of the above 3 Giant Mignonettes and 1 pkt. of Golden Queen 25c.

Group of our Giant Mignonettes.

MUSA ENSETE

(ABYSSINIAN BANANA)

This is one of the grandest and most picturesque of the Banana family; as a solitary plant or in groups on the lawn, it has a very majestic and tropical effect. Leaves are very long and broad, a beautiful green with crimson midrib in striking contrast. If planted in a warm spot, in a well-manured mixture of leaf mould, rich loam and sand, it will attain a height of from ten to eighteen feet. An occasional application of liquid manure and frequent watering are necessary. If the seed is sown early in hot-beds and repotted several times, the plants will attain a height of over ten feet the first summer. The rapidity of its growth is astonishing.

523. **Musa Ensete.** Per pkt. of 5 seeds, 25c.

NASTURTIUMS, (Tropæolum Majus and Minus).

Popular hardy ornamental annuals, originally all creeping plants; but recently some have, by careful hybridizing, been changed into constant dwarf plants; producing most brilliant tints of flowers. All of easy culture in good garden soil.

TALL OR CLIMBING VARIETIES.

524. **Tropæolum Majus,** tall variegated. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

525.——**Tall Yellow,** very fine. Per pkt. 5c., oz. 20c.

526.——**Dark Brown,** tall. Per pkt. 5c.

527.——**Hemisphæricum,** very fine, tall scarlet. Per pkt. 5c.

DWARF NASTURTIUM

528.——**Nanum,** dwarf, 6 inches high, scarlet flowers. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

DWARF NASTURTIUM—Cont.

529. **Tropæolum Majus, Empress of India,** very dwarf, dark tinted foliage, flowers brilliant crimson. Per pkt. 10c., oz. 25c., 2 oz. 40c.

530.——**King Theodore,** dwarf, intense dark brown flowers. Per pkt. 10c., oz. 30c.

531.——**Dwarf Crimson.** Per pkt. 5c.

532.——**Dwarf Yellow.** Per pkt. 5c., oz. 25c.

533.——**King of Tom Thumbs,** scarlet. Per pkt. 10c., oz. 30c.

534.——**Crimson Rose-Colored,** dwarf. Per pkt. 10c.

535.——**Pearl White,** cream color, very distinct. Per pkt. 10c., oz. 30c.

One packet of each of the above dwarf varieties for 50c.

LOBB'S NASTURTIUMS

536.——**Lobbi Mutabile,** tall, with bright scarlet flowers. Per pkt. 10c.

537.——**Purpureum Violaceum,** purple violet flowers, tall. Per pkt. 10c.

OXALIS.

Delicate half-hardy annual and perennial, low growing plants with leaves like shamrock.

538. **Oxalis,** mixed, 9 inches high, rosy flowers, annual. Per pkt. 10c.

539.—**Tropæoloides** (Corniculata), short trailing annual, leaves distinctly marked brown-purple, yellow flowers. Per pkt. 10c.

540.—**Valdiviana** perennial flowering in the first year, bright yellow, sweet scented. Per pkt. 10c.

We would refer to page 37 for any person wishing to buy our $1.00 Mikado Collection of Flower Seeds.

SIMMERS' PANSIES

Simmers' Improved Large-Flowering Mixed Pansy.

PANSIES ARE ONE OF OUR SPECIALTIES, and we take special pride and extraordinary pains to have the very best seed obtainable, regardless of cost, and we believe that the increasing demand for our seeds both from private customers and commercial florists proves that these efforts are appreciated. We are aware that every seedsman claims his strain of Pansy seed to be the "very best" and to emphasize it, all possible and impossible names (which in many cases prove the sole recommendation of the strains) are used to induce the public to buy. We ask you to try our seeds and be convinced.

This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during the winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure; hardy perennials; 6 inches. Special directions for cultivation sent with the seed when desired.

Giant Striped Pansy.

541. Pansy, Simmers' Extra Improved, large flowering Mixture, embracing all varieties named in the following list, and many other shades and colors. See illustrations ..... 10c.
542. —Lord Beaconsfield, one of the most elegant Pansies in cultivation. The ground color is purple violet, shading off in top petals to a whitish hue. 10
543. —Faust—King of the Blacks—almost black, the darkest pansy known ... 10
544. —Golden Margined, large and very showy 10
545. —Silver White Margined, blotched, large flowers 10
546. —Velvety Crimson Purple, large and beautiful 10
547. —Bronze Colored, large flowers, very fine 10
548. —White Margined, purplish crimson, showy and distinct 10
549. —Quadricolor, one of the prettiest and most peculiar sorts; the flowers are of a reddish steel blue, with red and white edge 10
550. —Emperor William, large handsome flowers, borne in great profusion, well above the foliage, brilliant ultramarine blue with purple violet eye 10
551. —Dark Maroon, mottled with bronze, golden-margined 10
552. —Velvety Crimson, golden yellow ground and margin 10
553. —Reddish Brown, rose margined flowers 10
554. —Pure Yellow, fine for bedding 10

NEW GIANT PANSIES.

This entirely distinct race of Pansies is fast growing in favor, and we are glad to add a few more new colors to our list.

555. Pansy, Giant Cassier, a mixture of well-shaped flowers of gigantic dimensions, in choice variety of colors, flowers marked with large blotches... 15c.
556. — —Auricula Colors, very beautiful shadings 15
557. — —Emperor William, rich ultra-marine blue, with purple-velvet eye.. 15
558. — —Trimardeau, very large and showy. One-eighth oz. 50c 10
559. — —Striped, flowers enormous size, beautifully striped 15
560. — —Trimardeau Yellow, very showy color 15
561. — —Trimardeau Purple, flowers very large 15
562. — —Coal Black, of immense size 15
563. — —Trimardeau White, a most valuable addition. White, velvet centre. 15
564. — —Beaconsfield, this strain combined with the peculiar coloring of the type will elicit general admiration 15
565. — —Copper Color, a most distinct and showy combination 15
566. GIANT PANSY MIXTURE. This mixture comprises all the foregoing strains and colors. Pkt. 15c., extra large pkt. 25c., 1-8 oz. 75c.

Price of any of above, except where otherwise noted, 15c.; 2 for 25c.; any 5 for 60c.

567. Pansy, Bugnot.—The finest strain of Pansies in existence. The flowers are of enormous size, perfectly round, of great substance and of the most varied and attractive markings and colors; each petal bears a blotch that runs out in delicate veins to the edge of the petal. Our Bugnot contains shades of red, bronze and reddish brown that are not to be found in any other Pansy mixture ..... 20c.
568. —Cardinal Red.—Pansy-growers have for years been striving to obtain a scarlet Pansy, and we take pleasure in offering the result of years of careful selection and cultivation to this end, from a leading German specialist. The shade, a rich brownish scarlet, is thought to be the brightest yet attained, and the flowers are of good size and substance and of perfect circular form; the lower petals are marked with a large dark blotch. This Pansy will doubtless prove a novel and attractive bedding plant, and should be in every Pansy lover's collection 15
569. —Simmers' Pure White "Snow Queen." As it reproduces exactly from seed, we very strongly recommend it not only for bouquets, but as a very valuable addition to the Pansy Family 10
570. —Odier, (Five-Blotched Flowering), a magnificent French variety, petals having a large blotch, clearly defined margin; colors in many different variation, extra large 15
571. —Simmers' Perfection.—This variety, now so well known by all the principal florists and amateurs in the country, has been greatly improved the past season by careful and judicious selection of the most showy varieties, containing many new shades of color, beautifully marked not before offered. For variety of markings, beauty of form, large size, good substance, and splendid satiny texture, they cannot be excelled. We unhesitatingly pronounce them superior to any other varieties in cultivation. Packets contain 100 seeds. Per pkt. 25c.; 5 pkts. for $1.00.
—Peacock, (see Novelties on colored pages) 25

Simmers' Mammoth Butterfly Pansies

A strain of Pansy which for variety and beauty has never been excelled. Of matchless forms, colors and markings, with flowers half as large again as ordinary Pansies, we are sure that we are offering something that will both astonish and delight "Pansy Fanciers."

572. Simmers' Mammoth Butterfly Pansies in mixed colors, from the above and other equally beautiful varieties—the *grandest mixture* ever offered 25

Simmers' Giant Pansy Mixture.

Simmers' Premium Pansies

COLLECTIONS.

Simmers' Collection —12 separate beautiful sorts, $1.00.

Simmers' Collection —6 separate beautiful sorts, 50c.

Simmers' Collection —2 separate beautiful sorts, 25c.

Simmers' Perfection Pansy.

NEMOPHILA (Love Grove)

Of neat, compact habit, blooming freely all summer. If thinned to four inches apart the plants will present a dense mass. Per pkt.

573. **Mixed.** many rich, bright colors ..... 5c.

NICOTIANA (Tobacco Plant)

The following are very ornamental half-hardy annuals, and very desirable.

574. **NICOTIANA Grandiflora Purpurea**, large massive foliage, dark purple red flowers 5

575. — **Affinis** (*Sweet-scented Tobacco Plant*). Produces an abundance of large pure white flowers, which expand fully in the morning and evening, emitting a delicious fragrance 10

NIEREMBERGIA

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

576. **Frutescens.** White tinted with lilac 10

NIGELLA (see Love-in-a-Mist)

NOLANA

577. Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock-work, 6 inches, H. A. mixed colors 5

PETUNIAS

Our strains of Petunias are the best obtainable, double and single. For new varieties see Novelties on colored pages.

A beautiful genus of half-hardy annuals, from 1 to 2 feet high, of easy culture, flowering abundantly throughout the season, and much valued for bedding out in flower borders.

578. **PETUNIA Hybrida, Simmers' Extra Mottled Strain**, large flowering, extra choice, mixed from a collection of fine flowers, per ¼ oz. 25c 10

579. — **Hybrida**, large flowering, mixed, per ¼ oz. 25c 5

580. — **Bella Etoile**, a remarkably beautiful and large flowering strain of striped and blotched Petunias 10

581. — **Grandiflora Illustris**, dwarf and compact, rosy carmine flowers in great abundance 10

582. — **Coronata**, purplish crimson flowers with fine broad white stripes 10

583. — **Striped and Blotched** (Grandiflora Maculata), large flowered, streaked and spotted, mixed shades 10

584. — **Inimitable**, red margined and blotched with white 15

585. — **Grandiflora Kermesina Splendens**, crimson, large flowered 10

586. — **White Large Flowering**, (Hybrida Grandiflora Alba), *extra* choice, large flowering, white, useful for cemetery work 10

587. — **Rose Large Flowering** (Hybrida Grandiflora cœrulea), large flowers of violet blue 10

588. — **Blue Large Flowering** (Hybrida Grandiflora Rosea), large flowers of exquisite rose color 10

589. — **Maxima-fimbriata**, extraordinary larged fringed edged flowers, with white throat, erect growth 10

590. — **Tigrina**, flowers dotted with irregular large and small blotches, finest shades of crimson and purple on white ground ... 10

DOUBLE FLOWERING PETUNIAS

591. — **Simmers' Double Flowering**, seed saved from the finest double flowers, grown in pots 20

Collection of Single Flowering Petunias, very choice varieties, striped or blotched (Benary's Strain), price $1.00 each.

Simmers' Double Flowered Petunia.

PHLOX DRUMMONDI

(ANNUAL)

One of our most beautiful half-hardy popular annuals, extremely ornamental and varied in the color of the flowers, flowering abundantly until late in the autumn; height generally about 1 foot; by careful hybridizing, however, varieties have now been produced not rising over 5 or 6 inches above the ground. Phlox is of very easy culture in any soil; for early flowering sow in a hot-bed, and transplant when the weather is warm; for later flowering sow in the open ground, set the plants a foot apart. **See also Assortments, page 37.**

IMPROVED LARGE FLOWERING VARIETIES

Per pkt.

592. **Phlox Drummondii Grandiflora**, finest mixed, ¼ oz. 40c. .... 5c.

593. — **Delicata**, delicate rose with white centre 10

594. — **Atropurpurea Striata**, purple stripe 10

595. — **Black Warrior**, dark red, nearly black 10

596. — **Coccinea**, bright scarlet 10

597. — **Discoidalis Grandiflora**, larger and more numerous flowers. 10

598. — **Princess Royal**, light purple with white streaks, very brilliant 10

599. — **Isabel**, Nankin yellow 10

600. — **Leopoldi**, bright rose with white eyes 10

601. — **Washington**, violet purple with blackish brown and white throat, beautiful 10

602. — **Quadricolor**, purple throat, violet eye, with a white and reddish lilac ring. Pkt. 10c.

603. — **Crown Prince**, deep chamois rose, extra brilliant color. Pkt. 10c.

604. — **Radowitzii**, rosy red, striped white. Per pkt. 10c.

605. — **Rosea**, deep rose. kt. 10c.

606. — **White**, large flowering. Pkt. 10c.

607. — **William I.**, bright crimson with stripes. Per pkt. 10c.

608. **STAR-SHAPED PHLOX**, "*Star of Quedlinburg.*" Flowers are of *regular star-like form.* Plant of compact habit, bearing large umbels of flowers. Novel and beautiful. Mixed colors. Per pkt. 10c.

609. **FRINGED PHLOX DRUMMONDI "FIMBRIATA."** A distinct variety, resembles the ordinary Phlox Drummondii; Flowers bordered with white, which, with the bright eye of the centre, picturesquely contrast with the magnificent velvety colors, more than 25 distinct colors. Pkt. 10c.

610. **Phlox Drummondii, coccinea fl. semipleno.** With semi-double and double flowers; the plants grow compact; the trusses and individual flowers are equal in size to those of the dwarf compact varieties. Per pkt. 10c.

611. **Phlox Drummondii. Hortensiaeflora alba**, a dwarf growing variety of Phlox, remarkable for its incomparable profusion of flowers of a satiny white color. Per pkt. 10c.

612. **Double White Phlox Drummondii.** A profuse bloomer. Per pkt. 15c., 2 pkts. 25c.

613. **Phlox Heinholdii**, intense scarlet, remarkable color. Pkt. 15c.

614. — **Decussata**, hardy perennial, fine mixture. Per pkt. 10c.

PERILLA

Ornamental, half-hardy annual, deep, dark purplish-red foliage, for border or indoors.

615. **PERILLA Nankinensis,** leaves deep mulberry or purplish-black, 1 foot high. Pkt. 5c.
616. — — **Variegatis,** with leaves finely variegated and veined. Per pkt. 10c.

PICOTEE PINKS

Well known plants of great beauty, combining with the most perfect form the richest colors. They have a delicate perfume, and are easily cultivated ; 1 foot high, half-hardy perennials.

617. **Picotee Pinks,** best double quality. Pkt.25c.
618. — pure white. Per pkt. 25c.

POLEMONIUM

Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

619. **POLEMONIUM Cœruleum,** 2 feet high. Per pkt. 5c.
620. — **Pulchellum,** 1 foot high. Per pkt. 5c.

PÆONIA

Magnificent hardy perennial, 3 to 4 feet high, producing large, semi-double and double flowers, white, pink and purple shades, fragrant as roses; seed takes about two years before sprouting.

621. **Pæonia Sinensis** (Chinese Pæonies), mixed. Per pkt. 15c.

PALAVIA

A half-hardy annual, 16 inches high, for pot culture or outdoors ; neat, graceful foliage, and comparatively large, bright, rosy-pink flowers, black centre.

622. **Palavia Flexuosa.** Per pkt. 10c.

PALMA CHRISTI

(see Castor Oil Bean)

PASSION FLOWER

Splendid greenhouse or parlor climbers ; some also for outdoors with curiously shaped flowers, the appendages of which are supposed to represent the Passion of Jesus.

623. **PASSIFLORA Cœrulea,** for greenhouse or parlor, flowers light blue. Per pkt. 10c.
624. — **Macrantha,** for greenhouse or parlor ; glossy leaves, large, deep rosy pink flowers. Per pkt. 20c.
625. — **Incarnata** (Southern "May Pops"), blooms the first season from seed. Flowers two or three inches across, flesh white with purple rays, followed by yellow edible fruits. Per pkt. 10c.

PENTSTEMON

Very attractive and indispensable for beds, borders and cut flowers. The flowers are half pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during winter.

626. **Pentstemon, Finest Hybrids.** A splendid mixture. Per pkt. 10c.

PORTULACCA

Half-hardy annual, trailing, succulent plants, remarkable for their large brilliant flowers—white, pink, crimson, purple, etc., expanding towards mid-day.

627. **PORTULACCA Splendens,** single flowering, brilliant varieties (see also Assortments, page 37). Per pkt. 5c.
628. — **Double Flowering,** choice mixed. Per pkt. 10c.

PODOLEPIS (see Everlastings)

POLYANTHUS

One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders, flowers in an astonishing and great variety of colors in form of Auriculas.

629. **Polyanthus, Goldlaced, mixed.** The flowers have a clear even margin, or lacing of gold, on a ground-color, similarly well-defined ; extra choice, mixed. Per pkt. 20c.

POLYGONUM

A hardy, graceful, showy annual, 5 feet high, fit for shrubberies or the centre of borders ; rosy crimson, drooping flowerets ; fine, light green, heart-shaped foliage.

630. **Polygonum Orientale.** Per pkt. 5c.

SIMMERS' POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of colors. See also Assortments, page 37.

SINGLE ANNUAL VARIETIES

631. **POPPY, Persian** (*Papaver Lævigatum*). An exceedingly showy and free-blooming variety. The plant grows about 2½ feet high, with large, finely shaped flowers, 4 inches across. Color brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup. Pkt. 10c., 3 for 25c.
632. — **Peacock.**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Per pkt. 5c.
633. — **"Danebrog" or Maltese Cross.** This is striking and beautiful among the hardy annual Poppies. The flowers are of a dazzling scarlet color, each of the four petals is marked with a large silvery white blotch, forming a white cross upon scarlet ground, similar to the Danish and Swiss national banner. Per pkt. 10c.
634. **Shirley Poppies.** These charming Poppies are generally single or semi-double. The range in color, from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt. 10c.

DOUBLE ANNUAL VARIETIES

635. **POPPY, The Mikado.** One of the most charming poppies, introduced from Japan. The petals are whole at the base, while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Per pkt. 10c.
636. **Iceland Poppies** (*Papaver nudicaule*). These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers which they produce is astonishing. Mixed colors. Pkt. 10c.
637. **PAPAVER, Carnation Poppy,** 3 ft. high, double. Per pkt. 5c.
638. — **Double French Poppy,** 3 feet high, in great variety. Pkt 5c., oz. 25c.
639. **POPPY, White Swan.** One of the most effective and valuable poppies introduced for years. The plants are about 18 inches high, grow in a very pretty bush form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Its flowering period is considerably longer than that of other poppies. Pkt. 10c., 3 for 25c.
640. **Golden Gate.** Exceedingly free blooming ; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Per pkt. 10c., 3 for 25c.
641. **Fairy Blush,** this charming Poppy produces pure snowy white extremely double flowers of perfect form and large size. Pkt. 10c.

HARDY PERENNIAL VARIETIES

642. **Papaver Orientale** (*Oriental Poppy*). One of the grandest border plants. A row of these in bloom makes a splendid show. The prevailing color is the brightest scarlet imaginable, but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and endure the longest of any Poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Per pkt. 10c.
643. — **Croceum,** perennial yellow flowers. Per pkt. 5c.

POTENTILLA

Beautiful profuse flowering, hardy perennial, of fine effect in mixed borders and shrubberies ; flowers in appearance like those of strawberries, but in different shades of yellow, orange and crimson.

644. **POTENTILLA Hybrida,** different colors, mixed. Per pkt. 5c.

PRIMROSE (Primula)

The popular garden Primrose, like the Polyanthus, is one of our earliest flowering, low-growing, hardy perennials ; very well suited for edging : flowering in great variety of colors.

645. **PRIMULA Vulgaris,** the old fashioned common yellow primrose. Per pkt. 10c.

Shirley Poppy —No. 634.

646. **PRIMULA Japonica** (*Japanese Primrose*), of robust growth, large leaves, tall, upright flower scape, with rich magenta flowers. Per pkt. 10c.

647. — **Cortusoides,** (*Siberian Primrose*), an early, rose-purple flowering hardy perennial. Per pkt. 10c.

648. — **Obconica** (*Everblooming Primrose*). This is one of the most useful flowering plants grown ; if sown early in spring the seedlings will begin to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. Per pkt. 10c.

649. — **Floribunda,** this is one of the prettiest and best of the Primroses, and is of the same general character and type as P. Obconica, differing only in color of the flower, which is a lovely shade of primrose yellow. Very fragrant and free blooming. Pkt. 10c.

PRIMULA SINENSIS (see Chinese Primrose)

PYRETHRUM, or Feverfew

Ornamental hardy, low-growing perennial, of easy culture.

650. **PYRETHRUM Carneum, fl. pl.,** large double pale pink flowers. Per pkt. 10c.
651. — **Roseum,** new, light red (Persian Insect Powder Plant). Per pkt. 10c.
652. **Yellow Foliage Sorts for Bedding.** This is one of the grandest hardy herbaceous perennials and it blooms in the fall—at a time when such flowers are very welcome. It is one of the most profuse and snowy of all plants when in bloom, the flowers are pure white with yellow disc, and they last well as cut flowers. Per pkt. 10c., 3 for 20c.
653. **PYRETHRUM Parthenifolium Aureum,** the golden yellow-leaved, dwarf, popular bedding plant, known as **Golden Feather.** Per pkt. 10c.
654. — **GOLDEN GEM,** the double flowering variety of the preceding. Per pkt. 10c.
654½ — **Selaginoides,** a beautiful variety, handsome fern-like foliage. Per pkt. 10c.

RHODANTHE (see Everlastings)

Solanum Capsicastrum, Little Gem.

RANUNCULUS.

A most beautiful, hardy perennial, of low growth, producing large double flowers of size of roses, in most brilliant shades of colors.

655. **Ranunculus Asiaticus Superbissimus.** Per pkt. 20c.

ROSES.

The seed we offer is from the best mixture of hybrid, perpetual and moss roses, will flower the second year.

656 **Roses,** fine mixed Per pkt. 10c.

RUDBECKIA (Texas Cone Flower).

657. **Rudbeckia Bicolor,** a hardy annual of compact branching growth, producing flowers about three inches in diameter, of a bright yellow, red and blackish purple disk; height of plant about 1½ feet. Per pkt. 10c.

SAXIFRAGA.

Hardy perennials of trailing habit; for shady places, rockeries or hanging baskets, unequalled; flowering abundantly and constantly.

673. **Saxifraga Huetti,** dwarf perennial, white flowers. Per pkt. 10c.

SCHIZANTHUS (Butterfly Flower).

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching, elegant habit, well covered with peculiar shaped flowers, hardy annuals.

674. **Fine Mixed,** 2 feet high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Per pkt. 5c.

STATICE (see Everlastings).

SEDUM, or Stone Crop.

Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals.

675. **Sedum Fabaria Rubrum,** light red flowers. Per pkt. 10c.

676.—**Spurium,** bright pink flowers. Per pkt. 10c.

SENECIO, or Jacobæa.

Valuable hardy annuals, compact, bushy, uniform in growth, 1 foot high, well adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers.

677. **Senecio Elegans,** double mixed. Per pkt. 5c.

SENSITIVE PLANT (Noli me tangere).

A tender annual, half trailing, 1 foot high with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken; of very easy culture. succeeding in any soil.

678. **Mimosa Pudica.** Per pkt. 5c.

SALPIGLOSSIS, or Painted Tube Tongue.

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced, 1½ feet high.

658. **Salpiglossis,** large flowering mixed. (See cut). Per pkt. 10c.

SALVIA, or Flowering Sage.

Magnificent half-hardy annual, biennial or perennial; some also greenhouse or indoor plants, remarkable for their showy numerous flowers.

659. **Salvia Splendens,** *(Large Flowering Scarlet Sage).* One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and form dense bushes, completely covered with showy sprays of the most dazzling scarlet flowers; the culture from seed is the easiest possible, and the blooms are produced until late in the fall. Much used for bordering or dividing lawns. Per pkt. 10c.

660. **Salvia Coccinea,** 1 foot high, scarlet flowers, annual. Per pkt. 10c.

661.—**Farinacea,** 3 feet, showing long spikes of blue flowers, annual. Per pkt. 15c.

662.—**Patens,** 2 feet high, biennial, in flowers of the purest sky-blue imaginable. Per pkt. 10c.

663.—**New Dwarf Salvia.** A splendid new sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit while the numerous flowers are of the brightest scarlet imaginable. A novelty we can recommend. Per pkt. 10c.

664.—**Argentea,** 2 feet high, silver leaves, blue flowers, beautiful perennial. Per pkt. 10c.

SAPONARIA (Bouncing Bet).

Hardy, free-flowering annual or perennial plants of easy culture and differen growth, the most of them being of trailing habits, and suitable for edging work or small beds.

665. **Saponaria,** mixed, all colors, 6 inches. Per pkt. 10c.

SANVITALIA.

666. **Procumbens fl. pl.** Beautiful trailing annual, well adapted from its dwarf and compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant, and are of a rich brown and yellow. Pkt. 10c.

SCABIOSA (Mourning Bride or Sweet Scabious).

The "Mourning Bride" or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very freebloomers, the colors white, carmine, lilac, maroon, etc.; excellent for bouquets.

667. **Tall Mixed Double,** all colors mixed. Per pkt. 5c.

668. **Dwarf Mixed,** all colors, 1 foot high; large flowers and robust in growth. Per pkt. 10c.

669. **Nana Striata, fl. pl.,** dwarf carnation-striped double flowers. Pkt. 5c.

670. THE SNOWBALL SCABIOSA.

The flowers of this pretty new Scabiosa are large, measuring fully two inches in diameter, of purest snow-white, very double. The stems are very stiff and strong and the foliage a luxuriant green. If plants are potted in the fall they will furnish pure white flowers until Christmas. This plant comes strictly true from seed and it is sure to be liked for vases and bouquets. Our illustration is from a photograph representing a flower of natural size. Per pkt. 10c., 3 for 25c.

Salpiglossis Picta—No. 658

671. **New Golden Yellow Scabiosa.** This color has long been desired in the Scabiosa family, and is now obtained, after years of selection. The flowers are double, of a fine pure yellow color and are charming for bouquets. Free blooming. Per pkt. 20c.

SPECIAL OFFER—One pkt. of each Snowball and Golden Scabiosa 25c.

672. SCARLET RUNNERS (per pkt. 5c.)

SILENE.

Elegant dwarf bushy annuals, bearing a profusion of bright attractive flowers through spring and summer; admirable for beds, margins, rockwork.

679. **Silene Pendula Ruberrima,** brownish green foliage, carmine rose flowers. Per pkt. 5c.

680.——**Ruberrima, fl. pl.,** double flowering variety of the preceding, pkt. 10c.

SMILAX.

A splendid perennial, greenhouse or parlor climber.

681. **Medeola Asparagoides (Smilax).** Per pkt. 10c., oz. $1.00.

SNAPDRAGON (see Antirrhinum)

SOLANUM.

Very elegant, highly ornamental, interesting genus of fruit-bearing plants; useful as single specimens upon lawns.

682. **Solanum Marginatum,** 3 feet high, leaves beautifully white-edged and veined, covered with down. Per pkt. 15c.

683.—**Capsicastrum, Little Gem or Jerusalem Cherry,** 2 feet high, scarlet berries, like cherries, beautiful for parlor. Per pkt. 10c.

STEVIA.

684. **Stevia Serrata White,** a useful plant, either for pot culture or the border, half-hardy perennials. Per pkt. 10c.

SWEET WILLIAM (see Dianthus).

Simmers' Selection Sweet Peas

OF ALL THE BEST

Exceedingly useful, well-known, free-flowering, highly ornamental plants, flourishing in any open situation, and when sown as early as possible in Spring on rich soil, and mulched during dry, hot weather, will attain a considerable height; if not allowed to ripen seed they will continue blooming till destroyed by frost. The increasing popularity of this favorite flower and the many flattering testimonials received from those who procured their seed from us last season have induced us to give special attention to their selection for the coming season; and we take much pleasure in offering to our patrons the finest collection ever before offered, embracing, as it does, every conceivable shade of color, with their exquisitely tinted variegations. Our collection contains many new and beautiful varieties, the result of careful selection and hybridization of experienced florists for the past two or three years, which have produced new shades of color of rare beauty, with larger blossoms. Seed may also be sown with great advantage in the autumn. One of our customers writes us under date of August 22nd: "I have been this whole season under obligations to you for advising me to plant Sweet Pea seeds last autumn. The seed was planted late in October or early in November in rows with a southerly exposure, they were then well covered with litter protection and finally brush sufficient to prevent the litter from blowing away. In the spring the litter was removed, the plants staked, and by the middle of April they were in bloom and I have had flowers ever since, and at times the display exceeded that of any other collection of Sweet Peas I have ever seen."

Per pkt.

687. **Lathyrus Odoratus,** a variety of colors (per oz. 20c., 2 oz. 35c., ¼ lb. 50c., lb. $1.50) ..... 5c.
688. — **Adonis,** most charming bright rosy color 10
689. — **Princess Beatrice,** rich and beautiful carmine rose, slightly shaded with lighter and darker tints 10
690. — **Capt. Clarke** (*Tricolor*), white rose and purple 5
691. — **Snowflake,** pure white 5
692. — — **Butterfly,** white ground, delicately laced with lavender-blue, very fragrant 5
693. — — **Painted Lady,** rose and white 5
694. — — **Fairy Queen,** satin flesh-color 5
695. — — **Invincible Scarlet** 5
696. — — **Princess of Prussia,** delicate blush color 5
697. **MISS BLANCHE FERRY (Nellie Jaynes).** This is a Sweet Pea of great merit. Immense pink and white flowers of perfect form, which possess deep rich coloring and are very fragrant. Fully ten days earlier than any other sort; of dwarf, compact growth, requiring no support; a most profuse bloomer, it produces more flowers than any other variety, the vines are completely covered with them. The flowers have larger stems than other varieties. It continues in bloom longer than any other. 3 pkts. 20c., oz. 30c., ¼ lb. 75c., lb. $2.50 10
698. **Vesuvius** (Venus), very large and of great beauty, the upper petals being brilliant rose, shading to a deeper hue, and spotted carmine; the lower petals are clear blue, reflecting rose and lilac 5

ECKFORD'S LARGE FLOWERING SWEET PEAS.—Continued.

this exquisite flower. Saved from choice named and unnamed varieties, including many new ones of great merit. Per pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2, 2 lb. for $3.

700. **Alba Magnifica,** a new white variety of extra large size and good substance. Per pkt. 10c.
701. **Captain of the Blues,** standards, bright purple blue, with pale blue wings, a very striking and fine variety. Per pkt. 10c.
702. **Countess of Radnor.** Pale mauve standard, with a deeper shading of mauve, wings pale lilac or delicate mauve, quite distinct. Pkt. 10c., oz. 25c.
703. **Delight,** creamy white suffused pink. Per pkt. 10c.
704. **Mrs. Gladstone,** delicate pink standards, wings bluish, edged with delicate pink, exquisite 10
705. **Mrs. Sankey,** remarkable for extra large pure white flowers, three on a stem 10
706. **Primrose,** a near approach to yellow, quite novel and distinct in color, standards and wings, pale primrose yellow 10
707. **Queen of England,** clear rosy pink standards and white wings 10
708. **Purple Prince,** Maroon standards, shaded with bronze and purple, blue wings, very fine and distinct 10
709. **Duchess of Edinburgh,** scarlet and crimson 10
710. **Boreatton.** A very fine dark pea, with bold stout flowers, the standard being a rich shining bronzy crimson, wings of beautiful crimson purple, shaded with rose. A distinct and beautiful sort. The darkest sort in cultivation 10
711. **Isa Eckford.** A most charming variety. Flowers very large, rosy pink, shaded with carmine. The most delicate pink sort 10
712. **Lottie Eckford,** lavender shaded with pink and white 10
713. **Miss Hunt,** pale blue. Oz. 20c 10
714. **Orange Prince,** bright orange, pink flushed scarlet wings, bright rose veined pink. Oz. 20c 10
715. **Empress of India,** clear rosy pink standard, and pinkish white wings, the handsomest of light colored varieties. Oz. 20c 10
715½. **Princess of Wales,** a very distinct variety, shaded and striped with mauve on white ground. The flowers are very large, of great substance and perfect form. Oz. 20c 10

SPECIAL OFFER

Purchaser's choice of all the above Eckford varieties, any three packets for 25 cents, eight for 50 cents. The entire collection of the Eighteen Novelties will be mailed for $1.

Emily Henderson, new white sweet pea in sealed packages only. (See Novelties.) Pkt. (50 Seeds) 15c., oz. 50c.

ECKFORD'S LARGE FLOWERING SWEET PEAS

These deliciously perfumed new Hybrid Sweet Peas have become so well known during the past two or three years, that it is unnecessary to give a detailed description of them, their popularity being already so well established. The flowers (which with proper culture are double the size of ordinary varieties), are produced in the greatest profusion, some beautifully marked in the most gorgeous manner, others of rich solid colors soft and charming shades, suffused with entirely different tints, etc., of unsurpassed beauty and attractiveness. To get the best results seed should be planted three or four inches deep, and as early as the ground can be worked in the spring, enabling the vines to get a good strong growth before the warm weather comes.

699. **Eckford's Large Flowering Hybrid Sweet Peas, Mixed.** The characteristics of Eckford's Large Flowering Sweet Peas are that, while they possess the same delicious perfume as any of the ordinary varieties, the flowers, produced in profusion, are nearly double the size, are more perfect in form, and present combinations in markings and colors heretofore unknown in

Sweet Peas

LATHYRUS LATIFOLIUS

(*Hardy Perennial Sweet Peas.*)

Showy, free-flowering plants, for covering old stumps, fences, etc., hardy perennials, 5 feet.

716. **Lathyrus Latifolius,** the old favorite red variety. Per pkt. 10c.
716½. — **Albus,** large clusters of pure white; grand, hardy, low climber. Per pkt. 10c.

AMERICAN GARDENING

Is a magazine issued every two weeks, filled with practical, useful, seasonable matter, exactly on the line indicated by its name. It is neither padded with worthless general news, nor overloaded with scientific articles. It simply tells how to do and what to do in plain English. We can mail you a sample copy on receipt of 4c. in stamps or take your subscription for $1.00 per year, 24 numbers. We also give this paper on every order for flower and vegetable seeds and plants (not on farm seeds, tools or like stock) amounting to $5.00 or over at catalogue rates. We believe it the best paper of its class ever issued. Address subscriptions to

Simmers' Seed Store,
Toronto, Can.

STOCKS (Gilly Flower)

The Stock is one of the most popular plants either for bedding, massing or pot culture; for brilliancy and diversity of color, or profusion and duration of bloom it is unsurpassed. The **Ten Weeks Stocks** (*Mathiola annua*) are generally cultivated, and bloom from 10 to 12 weeks after being sown; they grow from 6 to 18 inches high, and when in light, rich soil, and occasionally watered with weak guano water, they bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance. For early flowering start the seeds in a greenhouse or hot-bed, and transplant into the garden in May after all danger of frost is over; half-hardy annual. See also Assortments, page 37.

Per pkt.

717. **STOCKS, Large Double German,** 10 weeks, improved, choice, mixed.. 10c.
718. —**Dwarf, Brilliant Deep Blood Red (Victoria),** each plant forms in itself a naturally grown bouquet of a beautiful pyramidal shape, the lateral branches being symmetrically arranged around the main stem which is slightly raised in the centre 10
719. —**Large Flowered, Dark Crimson**..... 10
720. —**East Lothian,** pure white, invaluable for florists..... 10
721. —**Ten Week Stock "Snowflake,"** the earliest white Ten Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers, which very effectively contrast with the glossy, dark-green leaves..... 10
722. —**"Cut and Come Again" Stock,** also called **Princess Alice.** Produces from spring to late in the fall pure white, beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the more they are cut the better they seem to like it. It makes a splendid Stock for cutting, and is quite fragrant; succeeds equally well when grown in pots..... 25
723. —**Shrubby, or Cockade Double,** winter flowering, bright red 10
724. —**Giant Emperor, or Perpetual.** These make very bushy and branching plants with an abundance of flower. Sow in July or August and they will bloom in winter. Many colors in the finest mixture 10
725. — — — **White,** for florists' use, very fine 10
726. —**Brompton,** half-hardy biennial, bushy plants, producing a beautiful display of double flowers; mixed colors; 2 feet high..... 10

Stocks—Large Flowered Double German.—No. 717.

TORENIA

On account of its comparatively recent introduction this charming plant is but little known. For hanging baskets or culture in pots it is unsurpassed, and in summer its brilliancy adds a pleasing variety to outdoor decorations; tender annuals.

727. **Torenia Fournieri, or Edentula,** sky-blue flowers with three indigo-blue spots, and a bright yellow throat; a free bloomer .....20c.
728. —**Bailloni,** golden yellow with dark throat, distinct and beautiful 10
729. —**"White Wings,"** unusually attractive, pure white, flushed rose at throat..25

THUNBERGIA

A half-hardy, low-climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep buff, with a large black centre.

730. **Thunbergia Alata,** mixed, all colors ..... 10c.

TUNICA

Very neat dwarf trailing, hardy perennial, covered with pretty little white flowers, suitable for edging or rockeries.

731. **Tunica Saxafraga**..... 5c.

VENUS' LOOKING GLASS

A free flowering, pretty little plant adapted for beds or rockwork, ribbons or edgings. The plants form a small, spreading mass of about 9 inches high, and may be had in bloom for the whole summer by successive sowing. Hardy annuals.

732. **Campanula Speculum (Venus' Looking Glass),** blue ..... 5c.

Simmers' Mammoth Strain Verbena.

VERBENA

Seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of Verbenas may be avoided. The following varieties have been saved with great care, and may be relied on to produce flowers almost entirely true to their respective kinds.

733. **VERBENA, Mammoth Strain,** this distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Per pkt. 10c., 3 pkts. 25c.
734. —**Grandiflora Variegated,** very choice mixed. ¼ oz. 50c..... 10c.
735. — —**Auricula,** splendid flowers of large size and bright colors, with large white eye..... 10
736. — —**Blue**..... 10
737. — —**Scarlet, Defiance,** true, brightest scarlet, intensely rich. ¼ oz. 75c..... 10
738. — —**Pure White,** a fine strain of large-flowering, pure white hybrid Verbena. ¼ oz. 75c..... 10
739. — —**Yellow Leaved** (Golden Bedder). A very interesting variety with golden yellow foliage, which forms a striking contrast to the deep crimson flowers 15
740. — —**Venosa, Purple,** producing an abundance of flowers. Good bedder..... 10
741. —**Citriodora** (Lemon-Scented Verbena), a well-known sort much liked on account of its sweet-scented foliage..... 10
742. —**TOM THUMB VERBENAS (Verbena Hybrida Compacta).** A new and fine strain remarkable for its growth. The plants are of exceedingly dwarf, compact growth, not more than 6 inches in height; the branches are only one-half the length of the old varieties, and spread so as to form almost circular bushes about 2 feet in diameter, throwing up regularly in candelabra fashion handsomely formed flower heads in great abundance. Mixed colors. Per pkt. 10c.

VERONICA

743. **Veronica,** early flowering, hardy perennials, all colors mixed..... 10c.

VINCA (PERIWINKLE OR CREEPING MYRTLE)

744. **Vinca Rosea,** rosy flowers, glossy, oval-shaped leaves 10
745. — **Alba,** white flowering..... 10

VIOLA (Single Violet)

746. **Viola Odorata Semperflorens** (Single everflowering violets), the "Sweet English Violet," a favorite plant, prized for its long continued bloom and its delicate odor; ½ foot 5

VIRGINIAN STOCK

Hardy, low-growing, profuse flowering annuals, for edges, small beds, or pot culture.

747. **Cheiranthus Maritimus,** mixed 5c.

VISCARIA

Pretty, profuse flowering, hardy, low-growing annuals of easy culture in any soil.

748. **Viscaria Hybrida,** mixed colors.. 5c.

WAITZIA

749. **Waitzia Grandiflora,** half-hardy, everlasting annuals, six inches high, large yellow flowers 10

WALLFLOWER

The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy compact growth and profuse blooming of the single ones render them exceedingly attractive; half-hardy perennials.

750. **Wallflower, double varieties** mixed..... 10c.
751. —**Harbinger,** rich blood red, 1 ft. 10
752. —**Single,** mixed 5
Collection 6 distinct varieties 40c.

WHITLAVIA

Free flowering hardy annuals, 18 inches high, with bell-shaped flowers 1 inch in length.

753. **Whitlavia Grandiflora,** violet blue 5

WIGANDIA

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit, it forms one of the finest objects amongst ornamental foliage plants to impart a tropical aspect to a garden or for conservatory decoration; *half-hardy perennials.*

754. **WIGANDIA Carcassana**..... 10c.
755. — **Urens**, superb foliage..... 10

WILD CUCUMBER VINE

This is the **quickest growing climber** in our list. Grows wild, self sown in many parts of the West. It will grow thirty feet in one season, has dense, graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. The seeds being exceedingly hard, should be soaked at least twenty-four hours before planting. Once planted this vine seeds itself and comes up every year.

756. **WILD CUCUMBER VINE**..... 10c.

ZEA (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

757. **Zea Japonica Variegata**..... 5c.

ZINNIA (Youth and Old Age)

The double Zinnia flowers large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or in heat, according to the time it is desired to flower; *half-hardy annual.* See also Assortments, page 37.

758. **ZINNIA ELEGANS Double**, large flowering, mixture of many colors, finest strain in cultivation..... 10c.
759. —**Double Scarlet**, double, fiery, scarlet flowers..... 5
760. — — **White**..... 5
761. — — **Sulphur Yellow**, golden yellow, flowers large, perfect shape..... 5
762. — **Darwini Naua, fl. pl.**, dwarf, double, distinct..... 5
763. — **Haageana, fl. pl.**, 1 foot, double flowers, mixed..... 5
764. — **Pompone**, long, cone-shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed..... 10
765. **Zebra Zinnias**. The flowers of this selection are perfect in shape, of all colors and shades, such as orange, crimson, pink, yellow, violet, rose, scarlet, white, etc., three-fourths of which are beautifully striped, spotted and blotched with different shades, hardly any two plants producing flowers alike; they are very beautiful and should be grown in every flower garden. Plants symmetrical and compact, and about 2 feet high. Mixed colors..... 10

No. 766.—A FLOWER GARDEN FOR 25 CTS.

Any one who has planted and cultivated flowers in neatly laid out beds, or carefully planned ribbon-borders, is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, the "Wild Garden" presents a substitute, which, for its unusual and varied effects, for cheapness and the small amount of labor necessary for its construction, has no rival. "Wild Garden Seeds" are a mixture of **over 100 Varieties of Hardy Flower Seeds**, and can be offered at a much less price than when sold in separate packets. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom ensuring something new almost every day. They are particularly adapted for the cemetery, or for the ornamentation of public parks, church yards, etc. Also for sowing alongside of fences and on untidy, bare spots of ground, which are so frequently found about almost every place in the country, which, if properly cared for and kept free from weeds, will produce more flowers during a season than are found in many of the best cultivated gardens. As there are many biennial and perennial plants among them, they will last for years with but little care. Many of the most showy varieties can be transplanted to vacant spots in the flower border, and add much to its attractiveness through the entire season. They may be sown broadcast or in drills. If sown in drills each packet will be sufficient to sow a bed 10 feet square. The drills should be 1 foot apart. If sown broadcast, 8 feet square. Directions for sowing and subsequent cultivation accompany each packet. Price per pkt. 5c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Zinnia Elegans, Double Large Flowering.

Our Children's Flower ...Garden...

767. Of course the children who read this catalogue are flower lovers and are indulged in the pleasant recreation of caring for them when their allotted tasks are done and lessons learned. Now we wish to encourage and help them if we can. With this purpose in view we have prepared a mixture of fifteen easily grown annuals, especially adapted for their use, which will grow and blossom under their own hands, in any flower bed or small pot in the home garden. **Price, large pkt.,** with full directions for sowing and cultivating, **10c. For 10c. extra** we will add a packet of the wonderful **Marguerite Carnation** that blooms from seed the first year. It is a free bloomer, giving flowers of great variety of shades and markings. The strain offered this year shows marked improvement over what we have offered, continual selection of seed producing a larger percentage of double flowers as well as a decided improvement in color and size, perfectly hardy, all shades of colors. Remember the children's **20 cent collection** means one packet of mixed flower seeds and one packet of **Marguerite Carnation** seed, postpaid. The children's **25 cent collection** includes the two named above and one packet containing **Sunflowers, Gourds** and **Pumpkins.**

Remember for $1.00 you may select Seeds in packages from this Catalogue to the value of $1.15.

OUR CANNA ROOTS ARE WELL GROWN STRONG STOCK

Madame Crozy Canna

New Everblooming Cannas

We call especial attention to the three beautiful varieties, **Florence Vaughan, Madame Crozy** and **Alphonse Bouvier**. They are the gems of recent introduction; without them no collection of Cannas is complete.

OUR GRAND NOVELTY FOR 1894.

Canna Florence Vaughan

(See illustration on the front cover.)

This is undoubtedly one of Mr. Crozy's most beautiful and distinct introductions. The flowers of this splendid sort are of the most perfect form, the petals are even broader than those of Madame Crozy and more rounded at the ends, which latter characteristic represents the best type sought for in the latest hybridizations, are well opened and of the most brilliant golden yellow, dotted with brightest scarlet, and are the largest of all Cannas, and produced in constant succession. All orders booked and filled strictly in rotation. Price, each, 50c.; per doz. $5.00.

Madame Crozy

This is undoubtedly the finest and most distinct variety yet introduced. The flowers are of the largest size, of a dazzling crimson scarlet bordered with golden yellow.

The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich cheerful green and very massive; the flowers are produced in large branching stems, which are closely set with bloom, each stem being really a bouquet in itself.

It is a remarkably free-flowering variety. Small plants set out on the 10th of June were in full bloom on July 15, when only eighteen inches high, and continued in full flower until cut by frost in October. Cut flowers exhibited the past two seasons were admired above all others. Price, 35c.; $3 per dozen.

Alphonse Bouvier

What Madame Crozy is among the scarlet varieties, we consider Alphonse Bouvier among the crimsons, and were we to choose one of the two, it would be difficult for us to show a preference. In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly the best bedding variety for planting in masses now in cultivation; on first opening the flowers are of an intensely brilliant crimson, approaching scarlet, changing to a deep crimson as they fully develop. The foliage is of a rich green; the plant is of strong robust habit and exceedingly floriferous. At 40c. each; per dozen, $3.50.

One of each of the above THREE GRAND CANNAS $1.00, postpaid. Two sets $1.75.

Crozy's New Gladiolus-Flowered Cannas

Wonderful improvements have been shown in this plant the past few years and every season adds some striking novelties. Our collection this year is far ahead of anything offered before, these we are now able, on account of our very large stock, to supply at a price permitting their use in large quantities. The spikes of large flowers somewhat resemble Gladiolus, but their much more brilliant colors show grandly against the tropical foliage, which seldom exceeds 4 feet in height; the flowers range in color from the deepest crimson, orange scarlet, and salmon to light yellow, many being beautifully mottled and streaked.

Antoine Chantin. A most distinct and vigorous growing variety, with bright green foliage, with very large flowers of a bright orange scarlet overlaid with crimson. 4 feet.

Baron de Sandrans. Similar in style to Mme. Crozy, but of a smaller type both in size of flower and foliage; it is, however, exceedingly floriferous, and should become very popular. 3½ feet.

Chevalier Besson. Flowers very large, of a rich orange scarlet overlaid with vermilion; foliage dark green with purple edge. 6 feet.

Comte Horace de Choiseaul. Flowers of a deep crimson of large size; foliage deep green. 4½ feet.

Etocadero. Bright crimson scarlet overlaid with orange; foliage dark green. 5 feet.

Isaac Casati. Strong vigorous grower; foliage green with purple ribs; flowers rich carmine passing to orange scarlet at the edges. 4 feet.

Louis Chretein. Bright canary yellow, spotted with crimson; foliage light green. 4½ feet.

Mlle. Liabaud. Red, shaded with orange, of fair size; foliage light green. 4 feet.

Princess Lusignani. Bright glowing orange scarlet shaded crimson; foliage green. 3 feet.

Souv. de Jeanne Charreton. Fine large flowers of a bright orange red; foliage dark green. 4 feet.

Star of '91. Of dwarf compact habit, of a bright orange scarlet color faintly banded with yellow; foliage bright green. 3 feet.

W. Pfitzer. Flowers very large, of a bright crimson scarlet; foliage deep green. 4½ feet.

25 cents each; the set of 12 for $2.50; per 100, $18.00.

BE SURE TO ORDER SOME OF OUR CANNAS

Alphonse Bouvier Canna.

DAHLIAS

The Dahlia is the grandest Autumn Flower we have. Nothing is its equal in any respect in September or October. It is in its glory when everything else is faded or fading, and surrenders only to the Frost King. Put Dahlia tubers in the ground when the season becomes warm, covering the neck some three inches. If many shoots start, thin them out. After flowering, and before hard frost, take up the plants, remove the tops, dry the bulbs a little, and put in the cellar until spring, when they can be divided and replanted. Look at them occasionally to see that they are not shrivelling from too dry an atmosphere, not starting the eye early in consequence of too much moisture and warmth. They are offered in four distinct classes, viz.: **Large Double, Dwarf Double, Cactus and Single.** All are grand, and where sufficient space is to be had the entire collection should be planted. Dahlia Tubers can be sent as soon as all danger from frost is past—about April the 1st—and will be forwarded by mail (postpaid) on receipt of price.

Our Extra Select List of New Dahlias

(Tall or Standard Varieties.)

Beauty, large, pure white, extra fine.
Chameleon, creamy white, shaped to pink on the edge of petal, very large, a remarkable free bloomer.
Chas. Wyatt, deep rose, flaked with crimson and purple.
Emily, blush suffused with rose, large, free bloomer.
Empress Maud, white edged purple, good form.
Harrison Weir, rich clear yellow, very large.
Miss Browning, clear yellow, beautifully tipped with white fine Cockshell shaped petal.
Pioneer, black, the darkest variety in existence.
Prince Bismarck, most pleasing color, pence shot with purple.
Royal Queen, creamy ground, deeply edged with purplish crimson, grand flowers.

Price, 25c. each; half doz., $1.25; per dozen $2.50.

Standard Double Dahlias

Fancy Varieties.

Bird of Passage, white, tipped pink, always a good bloomer.
David Saunders, beautiful dark mulberry, fine flower.
Duchess of Wellington, white, tipped and edged with purplish crimson.
Hon. Mrs. P. Windham, yellow ground, deeply edged, rosy purple, very fine form.
Jezebel, dark rich maroon, tipped white, strong color, good form.
James Cocker, large purple, grand flower.
John Lamont, slate, striped with maroon.
Miss Thatcher, height 3 feet, grows stout and compact, making good roots. Flowers large, full double, clear sulphur yellow, carried on stout stems well above the foliage; earliest, most constant prolific bloomer. In our collection of 200 varieties we have watched this variety carefully for three years, comparing it with all other yellows known, and for general purposes we have no hesitation in placing this at the head of all dahlias of its color. The stock is limited. Dry Roots, each 20 cents, 3 for 50c., per doz. $2.00.
St. Clair, pale yellow, edged with light magenta, very pretty.
Woman in White, fine white.
White Dove, a grand dahlia, which makes a compact, bushy plant, bearing large, double, snow white flowers of perfect form. The flowers are borne on slender stems from two to three feet long, and thereby stand away from the plants so far that they appear as though they were floating in the air, hence its name. It is the most beautiful white dahlia in cultivation. 20 cents, 3 for 50 cents; per dozen $2. Postage paid to any address.

Price, 20 cents each; per dozen, $2.00.

Dwarf Double Bouquet Dahlias

So called from their compact and dwarf habit of growth; flowers are smaller than those of the Standard Dahlias, but perfect and very double.

Cupid, white ground, tipped and suffused with rose.
Exquisite, deep orange, scarlet edge.
Little Rosalie, straw colored, beautifully edged with deep pink.
Luriline, amber color, very good.
Lilliput, creamy white, delicately edged with lilac.
Lord Hawkie, very finest scarlet, extra good form.
Lilac Pompon, lilac, most perfect form.
Little Hugo, dark maroon, very double, one of the best.
Lilliputian, amber color.
Mrs. Dodds, vermilion.
Nymph, yellow, tipped with red.
Snowflake, pure white, the best white pompon, splendid for cutting.

Price, 15 cents each; half dozen 75c.; per dozen $1.50.

Collection of Standard Double Show Dahlias

Condor, very peculiar buff color shaded with orange.
Crimson Beauty, beautiful rich crimson, fine form.
Constancy, yellow, edged with lake, large and constant.
Chorister, fawn color, striped with crimson and rose.
Empress of India, large white, tipped with purplish lilac.
Empress Maud, white edged purple.
Hebe, pale rosy lilac, good petal and outline.
Hector, large cherry red, finest form.
Joseph Ashley, shaded orange, high centre and perfect outline.
Jessie McIntosh, red, with a distinct white tip.
Lizzie Leicester, pink pencilled.
Miss Marsh, white, deeply edged with rose purple, perfect form.
Mrs. Harris, light ground, edged with pale lilac.
Mrs. Cox, yellow, one of the very best.
Maggie Soul, black, white, edged with purple, very pretty.
Magician, deep yellow, distinctly striped with scarlet.
Maud Taylor, white, shaded lilac, large flower.
Modesty, blush color with fine outline.
Ovid, purple, fine form and centre, extra.
Oriole, pale yellow, deeply edged with white.
Peri, white, tipped with lavender, large.
Queen of Primroses, beautiful primrose yellow, often tipped with purple.
Robert Burns, lilac, flaked with maroon, fine form.
Susan Ingham, deep maroon, very rich colored.
St. Clair, pale yellow edged with light magenta.

Price, 15 cents each; per dozen $1.50.

Special Offer.—One of each of this list, 25 varieties, correctly named, $3.

Double Dahlias

CACTUS VARIETIES

The following varieties were selected while in flower especially for our sales; they are among the finest show varieties grown, each distinct in appearance, and the colors form a substance such as cannot fail to please.

Charming Bride, white, tipped with pink.
Cactus Queen, rich blood red, extremely striking flower, very decided flower in color. Although this has been described as a standard it is really a semi-cactus dahlia of the largest kind, it is such a bright and showy color that we use it with good effect in cut flowers. It is always the first choice of ladies when selecting dahlias to wear. It is a strong grower and increases at the root very fast. It is sure to become very popular now that cactus-dahlias are so much in demand.
Henry Patrick, pure white.
Jaurezii, dazzling scarlet.
King of Cactus, reddish crimson shade, large broad petals.
Lady Kerrison, scarlet heavy yellow tips.
Mrs. Tait, large white, serrated petals.
Picta Formosissima, orange-yellow with scarlet stripes.
Prince Imperial, purplish-crimson
William Pearce, bright yellow.
Zulu, very dark maroon.

Price, 20c. each; half doz. $1; per dozen $2.

Single Dahlias—Select Varieties

Aurata, very fine yellow, free-flowering.
B. Barkway, scarlet, with crimson band at edge of each petal.
Harold, dark, velvety maroon, nearly black.
John Cowan, maroon shaded.
Mauve Queen, magnificent mauve, large petal somewhat reflexed.
Purple Paragon, deep violet purple.

Price, 20 cents each; half dozen $1; per dozen $2.

Three Grand New Dahlias

"MAID OF KENT"

One of the grandest Dahlias ever introduced. The ground color is a rich crimson, overlaid with intense cherry red; the tips of the petals are a pure snow white; the contrast is startling, yet pleasing, and commands admiration at first sight. Like all plants bearing parti-colored flowers this sometimes produces blooms differing from the above, and herein lies one of its charms, for frequently many different flowers may be seen on the same plant. Price, 50c. each; $4.50 per dozen.

BEAUTY OF BRENTWOOD

Another grand new variety of an entirely distinct color among Dahlias. It is difficult to describe, but may be classed as a purple magenta of a pronounced shade, very deep and rich. Price, 35 cents each, $3.50 per dozen.

MRS. J. DOUGLAS

A distinct and beautiful variety; the color is a unique shade of pinkish salmon, different from any other. It belongs to the new cactus type of Dahlia, and is considered one of the best. Price, 35c. each: $3.50 per doz.

Special Offer.—One of each of the above three new Dahlias for $1.00, postpaid.

Simmers' Superb Gladiolus Bulbs

Rare and Beautiful French and Belgian Hybrids of Gladiolus Gandavensis, sent by Mail, postpaid, at prices quoted.

Their immense spikes of gorgeous bloom comprise in color all the shades from white to deepest scarlet, purple and yellow. They are fine for bedding purposes, by successive plantings flowers can be had all summer, and as cut flowers for house decoration are unequalled, as the spikes may be cut when partially in bloom and will last for a week or more, the buds expanding into perfect blossoms as the older florets fade. Few bulbs or plants can be increased and as easily cared for as the Gladioli. The dry bulbs after flowering are usually as valuable as before. Our list comprises only large flowering kinds; all the older small flowered sorts have been discarded, even from our cheapest mixtures.

In that awkward bare spot beside the fence, why don't you plant a few good Gladiolus? Nothing will make a braver show at a lower price. We offer just what you want in these collections of named Gladiolus, not poor and common ones, but really fine varieties.

OUR 25c. COLLECTION.

Six Bulbs, all named separately.

A true bargain introduction arranged as a surprise offer to our customers for a trial, all first size bulbs, not little bulblets.

Isaac Buchanan, best yellow.
John Bull, a first-class white.
Ceres, fine striped and variegated.
Napoleon, scarlet and white.
M. Domage, a beautiful salmon pink.
Stella, white, tinged with yellow and rose, flamed carmine.

OUR 50c. COLLECTION.

Angele. Soft mother-of-pearl color.
Archimedes, light red.
Ceres, pure white, spotted with purplish rose.
Isaac Buchanan, fine yellow.
John Bull, white, slightly tinged with sulphur.
M. Domage, a beautiful salmon pink.
M. Dumortier, white, slightly streaked rose, a violet purple blotch.
Madam Monneret, delicate rose, with white stripe in centre of each petal, carmine blotch on salmon ground.
Napoleon III., bright scarlet, striped white in the centre of the petals.
Sylphide, white, flamed with carmine, large purple carmine blotch.
Stella, white tinged with yellow and rose, flamed carmine.
Themis, fine spike of delicate satin-rose colored flowers, conspicuously flushed with carmine, cream-colored blotch, beautiful.

OUR DOLLAR COLLECTION.

We will give 25 varieties from our named selection for the dollar, all good varieties.

SPECIAL NAMED LIST.

Addison. Dark amaranth, with white stripes.
Africain. Entirely distinct variety of quite a novel color, slaty brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; a dark colored variety of remarkable effect; dense spike.
Agatha. Rose-shaded, clear yellow spots.
Amalthee. Pure white, large violet red blotch, ground of the corolla velvety violet, the lower petals slightly tinted with lilac in stripes.
Antonius. Scarlet cherry, slightly tinged with orange, flamed carmine, pure white blotch.
Apollon. Rosy lilac, with a large light rose blotch; finely striped white in the centre.
Calypso. Flesh colored rose, streaked rose and blotched carmine.
Carnation. Large, well expanded flowers of a fleshy white color, profusely tinged at the edges with the richest carmine, the lower petals blotched purplish carmine; fine, long well-furnished spike.
Constance. Of semi-dwarf habit, very vigorous, producing regularly compact and well-furnished spikes of amaranth red flowers, with a small creamy white blotch.
Croesus. Large flower, yellow, shaded darker toward centre, flamed carmine at edges.
Dalila Bright rose, streaked and flamed with carmine, blotched pure white.
Delicatissima. White, suffused with soft carmine-lilac, the pure white lower petals edged lilac.
Dumont d'Urville. Very long spike; a bright cherry; flaked and striped rich carmine; distinct pure white blotch, white stripe in the centre of each petal.
Eugene Ramey. Dwarf, splendid spike, very straight and firm, flowers large, purplish amaranth, with a sheen of ivory lilac; edges slightly mottled with slate; novel and distinct shade.
Eugene Scribe. Flower very large and wide, perfect, tender rose, and blazed carmine red.
Fatma. Very large flowers, of ivory white ground, profusely striped and suffused with bright rosy-salmon; violet blotch on creamy ground.
Hesperide. Profusely blotched and flaked, bright rosy salmon on a pure white ground; handsome spike of grand effect.
Isaac Buchanan. Finest yellow for massing, new.
Jeanne d'Arc. White, slightly tinged with rose, streaked and blotched carmine purple.
Lamarck. Very long spike of large flowers, cherry color, slightly tinted with orange, blazed with red, centre very well lighted, with a large pure white stain; a very fine variety.
La Candeur. White, lightly striped with carmine-violet.
Mazeppa. Orange, light blotch.
Pericles. Light rose, flamed with carmine-purple, large pure white blotch.
Pyramide. Handsome and perfect spike, broader at the lower part than at the top; large, well-expanded flowers of the brightest and most delicate orange rose: plant of medium height, exceptionally fine.
Phidias. Very brilliant purple ground, slightly tinted with violet, large pure white blotch, feathered with carmine cherry; very showy.
Princess of Wales. White and carmine rose, carmine blotch.
Van Spandonck. Fiery red, splendid large flowers.

Any one of the above list of select varieties.....10 cents each
Our selection of 12 varieties from the above list.....$1.00
One of each of the 27 varieties (entire list).....$2.00

SNOW WHITE. The best White Gladiolus in cultivation. Nearly the entire flower is a perfect paper white, with a slight cream-shade on lower half of the lower petal. A faint line of purple extends about half way through the lower petal. Each 25c., 3 for 70c., $2.50 per doz.

CHOICE MIXED GLADIOLI.

	each	per doz.	per 25.	per 100
Our Extra Fine Mixed	3c.	30c.	60c.	$2.00
White and Light varieties, Mixed	5	60	$1.15	4.00
Striped and Variegated, Mixed	5	60	1.15	4.00
Pink Varieties, Mixed	5	40	75	3.00
Red and Scarlet Varieties, Mixed	3	30	60	2.00
Hardy Varieties, Mixed	20	$2 00	....	....

The 100 rate does not include carriage.

LEMOINE'S HYBRID GLADIOLI.

HALF HARDY

This brilliant and remarkable class of Gladioli was originated and introduced by Mr. Lemoine, of France. Our assortment comprises almost every known variety now in commerce. For vivid and rich orchid-like coloring they have no equal. Emblazoned with the most intense, burning and inexpressibly rich shades, they are truly wonderful. In the blotch, which is a remarkable and typical feature, the coloring reaches the climax.

Mixed Lemoine's Seedlings

Each 5c., per doz. 50c., per 100 $3.50.

Gladiolus, Lemoine's Seedlings.
Per doz. 50c.

Remember all are postpaid at prices quoted, except 100 quantities.

Select Summer Flowering LILIES

NO garden flower has so many distinct and beautiful varieties as the Lily, and most of them are sufficiently hardy to be grown in our gardens with a little extra protection in the winter. Their elegant habit of growth and beauty and fragrance of flower, render them unequalled in borders and clumps, or among shrubbery. The soil is most favorable if well mixed with peat, or leaf-mould and sand. Plant 6 or 8 inches deep, and about 12 inches apart; cover at approach of winter with dry leaves or manure, three or four inches deep. Plant as early in the season as possible, and put them in earth as soon as received. When planted outside it is well to leave them undisturbed for a number of years, as they bloom best when thoroughly established.

Lilium Auratum (Golden Banded Lily of Japan). This beautiful variety has been aptly called the "Queen of Lilies." When fully expanded the flowers measure nearly a foot across. Their fragrance is delicious, and the blending of the colors in the individual blossoms exquisite, being ivory white, thickly strewn with purple studs, with a broad band of light golden yellow extending from tip to base of each petal. This variety is, beyond question, the grandest of all the Lily family. Extra strong bulbs 30c. each, 4 for $1.00; $2.50 per doz.; large bulbs 25c. each, 5 for $1.00.

Lilium Harrisii, or Bermuda Easter Lily. Immense pure white trumpets, with a very delicate pervading fragrance: remarkable for its earliness and extreme profusion of bloom. They are the finest Lilies for house culture, and are largely in use for winter forcing. The Longiflorum (see below) helps to extend the season of this beautiful sort. Good bulbs, each, 20c.; 3 for 50c.; doz. $1.75.

Lilium Longiflorum. A variety bearing in clusters beautiful snow-white trumpet-shaped flowers of rare fragrance; almost exactly like Lilium Harrisii in shape but blooms later, extending the season of that beautiful kind. Each, 15c., doz. $1.50.

Lilium Krameri. Distinct from all other Lilies, large flowers of a soft, beautiful rose color. 40c. each, 3 for $1.00, $3.75 per doz.

Lilium Excelsum. This stately and beautiful variety, which is becoming more popular every season, grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers of a delicate buff color. Each, 50c., 3 for $1.35.

Lilium Auratum.

To make these beautiful plants more popular, we offer the following Very Cheap

LILY COLLECTIONS

No. 1.—6 hardiest kinds, our selection, post paid, for $1.00.

No. 2.—12 hardiest kinds, our selection, post paid, for $2.00.

Lilium Tenuifolium (Coral Lily of Siberia). A native of Siberia, one of the very earliest and hardiest of the Lilies; flowers vivid scarlet, with petals reflexed; very showy and free-flowering, blooming early in the spring. Very easily grown, requiring only a well-drained sandy soil. Each, 30c.; 4 for $1.00; 8 for $1.75.

Lilium Pulchellum. A fitting companion to *Tenuifolium*, blooming at the same time. The upright flowers spread their petals at nearly right angles, so that when in full bloom a bed of them presents a solid mass of rich, bright crimson flowers. The shape is most remarkable; the bulbs are as vigorous and hardy as a Tiger Lily. Strong bulbs, 40c. each; 3 for $1.00; 10 for $2.50.

Lilium Candidum. The pure white garden Lily; flowers snow white, with heavy yellow stamens; hardy and free-blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each, 15c.; 2 for 25c.; 5 for 50c.; $1.00 per doz.

SPECIOSUM SORTS

As a whole, the most desirable section of all Lilies for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing very little protection, and will grow and flower without any special treatment. The following four varieties are the best of the Speciosum sorts.

	ea.	doz.
Lilium Speciosum Album, white flowered Japan Lily	25c.	$3.00
—**Rubrum**, deep, red-dotted Japan Lily	25	3.00
—**Monstrosum Rubrum**, distinct variety, with broad flat stems, and of color similar to the preceding; free blooming (3 for 75c.)	25	3.00
—**Punctatum**, crimson-dotted Japan Lily.	50	5.50
Lilium Bulbocodium Aurantiacum, Orange Lily	15	1.25
—**Tigrinum**, Tiger-spotted Lily	15	1.50
—**Tigrinum, fl. pl.**, spotted Tiger Lily, with double flowers ..... 4 for 50c.	15	....
—**Umbellatum**, deep scarlet-brown Lily of dwarfish growth	20	2.50

—**Wallacei.** This Lily is very floriferous, each bulb throwing up from four to six flower stems, each one of which is crowned with three to ten beautiful upright blossoms of a delicate bright apricot color. It is very perfect in form and a most desirable sort. Each, 25c.; 3 for 75c.; per doz. $2.50.

WALLACE'S NOTES ON LILIES.—AN INTERESTING AND VALUABLE BOOK ON LILIES, INDISPENSABLE TO BULB GROWERS. ILLUSTRATED. CLOTH (215 PAGES), $2.50 POSTPAID

AMARYLLIS

AMARYLLIS FORMOSISSIMA

(Jacobean Lily.)

Flowers of a deep velvety crimson color, handsomely formed and very striking. A favorite Amaryllis. Fine summer blooming bulb. Each, 15c., 6 for 75c.

AMARYLLIS Equestre. This Amaryllis is very striking and beautiful in appearance. It grows and blooms planted in the garden as well as inside. It is a very free-blooming variety. The flowers have very spreading, graceful petals; a self color of bright salmon pink, with a distinct snow-white blotch at the base of the petals. Each 30c., 4 for $1.

AMARYLLIS Treatea (Fairy Lily), for pot culture; bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil, and five or six can be planted in a 5 inch pot. In the open ground they are not at all particular as to soil or situation, but are quite sure to thrive anywhere. Each, 10c., per doz. 75c.

VITTATA HYBRIDS

Beautiful, large-flowering new seedlings from choicest varieties imported from the most celebrated Amaryllis grower in Europe; bulbs are of an immense size and will produce something grand. 50c. each; $5.00 per doz.

APIOS TUBEROSA

A valuable hardy tuberous-rooted climber, resembling the Wistaria in vine and foliage. Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each, 5c.; doz. 50c.

ANEMONES

ANEMONES. A beautiful variety, mixed, double flowering. Each, 5c.; 6 for 20c.; per doz. 35c.

TUBEROUS ROOTED BEGONIAS

These are certainly grand summer-blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled. Their many varied colors of white, yellow, pink, scarlet and red are so blended that almost each plant seems distinct. From the time their first flowers appear until frost stops their growth they are never out of bloom, and such bloom—great waxy flowers, measuring from three to six inches across! The double-flowering sorts resemble beautiful roses, and while they are not so large as the single flowers, yet they seem more highly appreciated. Plant out in May, a foot or so apart, one inch deep, and well-watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

We have taken particular care in selecting the bulbs we offer, so as to have only the largest flowers of the richest and brightest colors.

Single Varieties, separate colors, **White**, **Scarlet**, **Pink** and **Yellow**, each, 20c.; per doz., $1.75; four bulbs, one of each color, for 60c.

Single Mixed, each, 15c.; 4 for 50c.; per doz. $1.25.

Double Mixed, each, 30c.; 4 for $1.00; per doz. $3.00.

THREE GEMS OF THE FIRST WATER

Milla Biflora. This charming flower blooms profusely all summer; the flowers are full three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. The petals are of great substance, and flower stalks cut and placed in water last for a week or more. 10c. each; 3 for 25c.; 90c. per doz.

Bessera Elegans. This beautiful variety is the direct counterpart of Milla Biflora, rich and striking color, equalling it in graceful beauty. Pendulous clusters of bell-shaped flowers borne on long slender stems. The color is a striking shade of coral scarlet, with pure white cups and dark blue anthers. 10c. each; 3 for 25c.; 75c. per doz.

Cyclobothra Flava. This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to Bessera; the color is clear golden yellow, with intense black spot on each petal. 10c. each; 3 for 25c.; 90c. per doz.

SPECIAL OFFER.—FOUR BULBS EACH OF THE ABOVE FOR 75c., POSTPAID.

SIMMERS' DWARF LITTLE GEM CALLA

Dwarf Calla "Little Gem."

Should not be confused with the Gem, being entirely distinct. It is, indeed a "pigmy," scarcely ever exceeding the height of one foot, yet producing good size flowers in great abundance. Our stock of Little Gem Calla has been procured direct from the originator of this variety. The flowers will be found exceedingly useful for "cut-flower work," and will be grown by the million. Price, 50c. each, 3 for $1.25.

THE SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant, even when not in bloom; foliage beautifully marked with transparent white spots, showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot-plant. Large bulbs, to bloom at once. Price, 15c. each, 4 for 50c., doz. $1.50.

NEW "BLACK CALLA" LILY

(ARUM SANCTUM, SOLOMON'S LILY)

The large wavy leaves, which are of a rich green color, veined, light green, resemble those of Calla Ethiopica. Produces one large sweet scented flower, raised on a slender but vigorous stalk of brown red, shading to a green at the upper end. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color, and green underneath. Somewhat wavy at the borders and curled at the smaller end. The spike, rising about 10 inches from the centre of the flower, is velvet-like and quite black. The whole plant presents a most stately appearance, and is the finest novelty of the season. The roots are all selected and imported direct from the originators by ourselves. Price, extra large roots, each 50c., or 3 for $1.25.

CYCLAMEN

Certainly most interesting and beautiful winter and spring-flowering bulbs. Not only are the flowers of striking beauty but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white. The sorts offered here are considered hardy, and would no doubt prove so in any but the coldest locality, but it would seem wasteful to plant them out, when their extreme beauty can be employed indoors during summer and winter. They begin to bloom as soon as planted, and then produce their fine foliage in abundance. The bulbs are excellent keepers, remaining solid and sound for months, even when not planted.

Cyclamen Europæum. Hardy in the garden if planted four inches deep. Rosy pink flowers in autumn; beautiful foliage; 20c., 3 for 50c.

Cyclamen Neapolitanum. Hardy and charming species: leaves finely variegated, flowers white and rose with purple throat; blooms in September or October; 20c. each. three for 50c.

Cyclamen Repandum. Early spring flowering; deep reddish crimson; leaves marked white; hardy; 20c., three for 50 cents.

CALADIUM, FANCY LEAVED VARIETIES

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown, and from the first of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of thirty fine varieties, 30c. each, 4 for $1.00.

Hardy Cyclamen.

CALADIUM ESCULENTUM

One of the most beautiful and striking *ornamental foliage plants* in cultivation, either for culture in pots or for planting out upon lawns; it will grow in any good garden soil, and is of the easiest culture. When of full size it stands about five feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth; very smooth, of a light green, beautifully veined and variegated with dark green. The root should be preserved in dry sand during winter, in a very warm dry place. Price per 1st sized root each 30c., 2nd size 20c.; per doz., 1st size roots $3.00, 2nd size roots, doz., $2.00.

The Beautiful Fragrant Cinnamon Vine

This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of the cinnamon, and is very appropriately called the "Cinnamon Vine." Perfectly hardy, the stem dying down every autumn, but growing again so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as easily cultivated as the Madeira Vine, has no insect enemies, and is not affected by drought. It will make from ten to twenty feet of vine, and with its beautiful heart-shaped leaves, bright green peculiar foliage, and clusters of delicate white flowers, sending forth a delicious cinnamon odor, render it by far one of the most desirable climbers in cultivation. Bulbs, 5c. each, 6 for 25c., or 40c. doz., postpaid.

COOPERIA DRUMMONDI

(THE GIANT FAIRY LILY)

It is a member of the Amaryllis family, bulbs being as large and solid as a medium size onion, and should be planted in the spring, either in the open ground or in pots (they do as well one way as the other), where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems ten to fifteen inches high. The foliage is quite long, and of peculiar lavender green color. In the fall the bulbs should be lifted, and kept dry over winter, like Gladiolus. It is one of the easiest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure, fairy-like blossoms are ever lovely. Strong bulbs, ready for immediate bloom, 10c. each, six for 50 c.

Spotted Leaf Calla.

Cinnamon Vine.

Caladium Esculentum.

CRINUM KIRKII

This magnificent bulb, which often attains the size of 6 to 8 inches, produces flowers of the greatest beauty. Usually, two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbrel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. A plant which always creates a sensation when it blooms, which it does with the greatest freedom. Extra large bulbs, each, 75c.

Crinum Americanum, in every way this rivals the above in stateliness and grandeur, being pure white, waxy-like and fragrant, and producing as many, if not more flowers. Strong flowering bulbs, each, 20c.; 3 for 50c.

Crinum Capense, rose, sweet-scented, one of the finest Crinums; hardy with slight protection. Producing many flower stalks; 2½ to 4 feet high, and crowded with 10 to 15 blooms. Each, 25c.; 3 for 60c.

SPECIAL OFFER

One of each of the three varieties, $1, postpaid.

Crinum Kirkii.

CYPELLA HERBERTI (Golden Cup)

A new bulb from Peru. The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in close succession, and many on a spike, it is scarcely ever out of bloom. Of easiest culture in the open ground; a valuable addition to our garden bulbs, and very distinct from the Tigridias. Keep dry in winter. 20c. each; 3 for 50c.

DIELYTRA SPECTABILIS (Bleeding Heart)

These pretty spring bloomers, with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental, and bloom freely in early spring. The plants being hardy, increase in size and bloom from year to year, and should have a place in every garden. Each, 15c.; 3 for 40c.; dozen, $1.50.

GLOXINIA

A charming class of summer blooming bulbs which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a greenhouse.

The named varieties we offer are specially good, and our mixtures include flowers of lovely form and hue.

Glow. Flowers erect, pure white throat, with crimson spots; lips rich glowing crimson.
Marvel. Flowers erect, rich purple lips, throat pure white spotted with purple.
Punctata Elegans. Flowers erect, pure white, minutely spotted with bright crimson; lovely.
Sappho. Flowers erect, rich dazzling crimson, large and of good substance.
Spotted Gem. Erect flowering, pure white, minutely spotted with royal purple; a distinct and pleasing variety.
Triumphant. Flowers erect, of a bright rosy crimson color, throat pure white, minutely spotted with deep crimson.
30 cents each; $3 per dozen; set of 6 varieties, $1.50.
Finest Mixed Bulbs, 20c. each; 3 for 50c.; per dozen $2.

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem four or five feet high, which bears quantities of drooping ivory-white, bell-shaped flowers of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c.; 3 for 20c.; per dozen $7.50.

IRIS (Fleur-de-Lis.)

JAPAN IRIS *(Iris Kœmpferi)* The magnificence of these splendid Irises surpasses description. In beauty, size of flower, richness of coloring they are grand. The flowers are enormous, averaging from six to eight inches across, of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose lilac, lavender, violet and blue, each flower usually representing several shades. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in great profusion in June and July, and attains great perfection if plentifully supplied with water while growing and flowering. Our selection. Price, 20c. each; 3 for 50c.; per doz. $2.00.

Ordinary Selection, 15c. each; 3 for 40c.; per doz. $1.50.

IRIS GERMANICA

German Irises are certainly unparalleled for beauty; nothing in creation can vie with them, unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c. each; 3 for 20c.; 12 for 75c.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it forever, as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each, 35c.
Strong pips 5c. each; 6 for 20c.; 12 for 35c.

MADEIRA VINE

A tall half-hardy, tuberous-rooted, climbing plant, of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers, very useful for screens and trellis work. 10c. each; 4 for 25c.; per doz. 75c.

SUMMER FLOWERING OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession.
Oxalis Lasiandra. Rosy pink, 30c. per dozen; $2.00 per 100.
Oxalis Dieppi. Rosy white, 30 cents per dozen; $2.00 per 100.
Oxalis Ortgiesi, bright golden star-shaped flowers. 10c. each; per doz. $1.

THE SPIDER LILY

Pancratium Caribbæum. *(Spider Lily.)* Planted out in wet places during summer, it will produce many spikes of fragrant flowers, in dense clusters, lasting for several weeks; also grand for indoors, blooming even if grown in water. 20c. each, three for 50c., 7 for $1.
Pancratium Maritimum. *(The Sea Daffodil.)* Few bulbs will prove more pleasing than this. It is a positive yearly bloomer. The large white flowers are boldly relieved by a green stripe. Their delightful odor is also a great attraction. As a cut flower they last for many days. It will certainly give satisfaction; fine for growing in large tubs. 20c. each; 3 for 50c.; 7 for $1.
Pancratium Calathinum. *(Basket Flower.)* A grand species, with exceedingly fragrant white flowers about 3 inches long and 4 inches wide, and lasting for a long while. 35c. each; 3 for $1.

TRITOMA UVARIA

Often called the "Torch Lily" or "Red Hot Poker" on account of its dense spikes of flame colored flowers. It blooms in August and is very striking when planted singly on the lawn. Does well planted near water or in any rich soil. Each 25c.; dozen $2.25.

THE RESURRECTION PLANT
Or ROSE OF JERICHO

Imagine a bunch of withered looking curled up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water. In an hour what transformation! The withered looking bunch has now opened, and is transformed into a patch of bright green moss. Each 15c.; 2 for 25c.

TREE PÆONIES

This plant, instead of dying down to the ground every winter, like the herbaceous variety, grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. As the plants attain age they make very showy bushes and are very desirable for planting among shrubbery. Strong plants, $1 each; $10.00 per dozen.

HERBACEOUS CHINESE PÆONIES

Magnificent hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. Each, 25c.; per dozen, $2.75: in different colors.

Double White ..... each 30c.
Double Rose ..... each 30

Herbaceous Chinese Pœonies.

Snake Lily.

Tigridias

PEACOCK TIGER FLOWER OR MEXICAN SHELL FLOWER

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer, particularly if the bulbs are planted in a warm sunny position.

Tigridia Conchiflora (Mexican Shell Flower). Dark yellow, large red spots. 5c. each, 50c. per doz.

Tigridia Grandiflora (Peacock Tiger Flower). Very large, bright crimson centre, mottled with yellow. 8c. each, 75c. per doz.

Tigridia Grandiflora Alba. Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. 10c. each, 90c. per doz.

SPECIAL OFFER.—One each of the above three varieties for 20c., or three bulbs of each variety for 50c.

Sauromatum Simlense

(SNAKE LILY—AMORPHOPHALLUS SIMLENSE.)

A most wonderful bulb, native of Africa, introduced by us; bears a very remarkable flower 30 inches in length, the inside of which is of a peculiar golden color, profusely spotted with rich purple and brown blotches, while the back is of a metallic-brown, and the spadix (15 inches long) is of a frosty purplish brown. Altogether, one of the strangest flowers ever seen.

The foliage is also highly ornamental, the fine palm-like leaves, 3 to 4 feet high and wide, being produced in succession during the entire season. The leaf-stalk is beautifully mottled with black markings.

The flowers are produced from January until June, almost immediately after planting, and, unlike *A. Rivieri*, this blooms when quite small.

With us the bulbs have proved *perfectly hardy*, and have been kept in a dry state for one year. They never rot, and never dry. Plant in pots or in the garden 6 inches deep; give plenty of water. Fine, large, blooming size bulbs, $1.00 each; good bulbs, 75c. This is a bulb that we can highly recommend; its easy growth, luxuriant foliage and curious flowers make it very attractive.

Double Tuberose Bulbs

THE SWEETEST SCENTED FLOWER THAT BLOOMS.

CULTURE.—The growing plant is fond of light and heat, and must have full sunlight when bedded, and plenty of water when it begins to grow freely, but not too much water when first started, and should not be planted outside before April 1st. The bulbs may be planted at intervals of a week or so, so as to give a succession of bloom; the late plants may be brought indoors (if in pots sunk in ground) to flower in the house in autumn.

Double Tuberose. Large bulbs, the variety generally grown. Each, 5c.; per doz., 50c.; per 100, $3.00.

Double Pearl Tuberose. Of much dwarfer growth; very handsome large flowering roots. Each, 10c.; 3 for 25c.; per doz., 60c.; per 100, $3.00.

Excelsior Pearl Tuberose. An improved strain of the Double Pearl, bearing very heavy spikes of largest double flowers. Each, 10c.; 3 for 25c.; per doz., 75c.; per 100, $4.00.

Simmers' 50c. Spring Bulb Collection

Contains **14 VARIETIES** of **SUMMER FLOWERING BULBS**, which we will send free by mail or express for only **50 cents.**

1 **Double Dahlia**	2 **Gladioli**	3 **Cinnamon Vines**	1 **Tuberose**	1 **Milla**
1 **Hyacinthus Candicans**		1 **Madeira Vine**	1 **Tigridia**	3 **Oxalis**

All the above Bulbs are fully described, and most of them illustrated, in the Bulb Department of this Catalogue. **Compare the retail prices.**

Zamia Integrifolia.

ZAMIA INTEGRIFOLIA

When in full leaf this noble palm presents a highly tropical appearance, only rivalled by the high-priced Sago Palm, which it resembles in appearance. Our picture is an elegant illustration of it; the foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place; plant in summer. Dry roots, 35c. each.

ZEPHYRANTHES

The Zephyr flowers, or Fairy Lilies," are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them. They are easily grown and succeed anywhere, and should be extensively grown, both as garden and pot plants.

Atamasco, large pure white, each, 5c.; doz., 50c.
Rosea, beautiful, clear rosy pink " 5c.; " 50c.

Simmers' $1.00 Spring Bulb Collection

Contains **23 VARIETIES** of **SUMMER FLOWERING BULBS**, which we will send free by mail or express for only **$1.00.**

1 **Amaryllis Treatea**	3 **Cinnamon Vines**	1 **Cyclobothra**	1 **Bessera Elegans**
3 **Mixed Gladioli**	1 **Madeira Vine**	1 **Milla Biflora**	1 **Double Dahlia**
1 **Spider Lily**	2 **Pearl Tuberoses**	3 **Fine Oxalis**	1 **Tigridia**
1 **Lilium Longiflorum**	1 **Tuberous Rooted Begonia**		1 **Caladium,** Elephant's Ear.
	1 **Hyacinthus Candicans**		

This Collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

Double "Pearl" Tuberoses.

Simmers' General Collection of Plants

FLOWERING BEGONIAS

If your window garden can accommodate only one plant, let it be one of the freest flowering and largest growing of this class—a Rubra, Vernon or Weltoniensis. Only under the very worst conditions do they become "scraggy," and you know how prone window plants are to this condition.

Begonia Gloire de Sceaux. One of the finest flowering Begonias introduced for many years; it is of upright habit, producing during the entire winter large, open, flat flowers of a soft silky pink, contrasting well with the rich bronzy green foliage. 25c. each; 4 for $1.00.

Weltoniensis. After you have begun your collection of Begonias with a Rubra first, let *Weltoniensis* be second, then get as many more as you can afford. The leaf is delicate green in poor soil, but enrich it with a little old rotten manure, and heavy velvety shadings of black appear on the maple-like leaves, every branch bearing its delicate bunch of rosy pink bloom. Price, 20c. each.

Rubra. If you only have one Begonia, let it be a Rubra, for it will prove a constant delight. It is so fast growing that it will in a year or two reach the top of your window, sending up heavy, stiff canes, an inch in diameter, and rising beside them will grow strong, slender branches, gracefully drooping under heavy, waxen leaves and pendant panicles of coral-colored flowers as large as a hand. Price, 20c. each.

Carnea Elegans. This fine new variety attains a height of 12 or 14 inches, and is a compact mass of medium-sized, glossy, olive-green leaves. It is so free in bloom as to present the appearance of a fine bouquet; the flower is a rosy flesh color, shaded with bright rose and enlivened with dense clusters of yellow anthers. It blooms continually, but is freest in the winter. Price, 20c. each.

Begonia Metallica, A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze green, veins depressed and dark red. 25c. each.

Argentea Guttata. This variety has stood the test and we have been obliged to greatly increase our stock to keep pace with the demand. The leaves are oblong and pointed, notched and serrated; the color a *bronze purple with silvery markings* overlaying the whole surface. Flowers white, on the tip of the stems; a good bloomer and a fine shrubby plant of the easiest culture. Each, 25c.

Countess Louise Erdody. An interesting and curiously handsome variety. It retains the general character of the Rex family as to growth, but is so distinct in its peculiar leaf formation that it stands out unique and striking. Having a good stock we are able to place this novelty within the reach of all. Strong plants, each, 25c.; doz., $2.50.

Manicata Aurea. This grand variegated Begonia has heavy waxy leaves, being boldly blotched and marbled with a rich golden cream, with a clear pink etching in the mature leaves. Flowers delicate blush white Easily grown and strong. Each, 25c.

Vernon. This is decidedly one of the grandest novelties introduced in many years. In habit and freedom of bloom it quite resembles the well-known Begonia Semperflorens: its numerous flowers are of a brilliant orange carmine color and the foliage a glossy red, which grows more intense with the advancing season, the staminate flowers with their bright yellow centers giving the last note of color and contrasting admirably with the brilliant red flowers and metallic foliage. Above all, it blooms with the greatest profusion and is one of the most satisfactory plants for pot culture. It is also extensively used for bedding and is especially adapted for this use. Each, 25c.

Begonia Gloire de Sceaux.

SPECIAL OFFER.—One plant each of the above list for $1.75.

CURIOUS CACTI

An interesting, curious and beautiful class of plants, very popular now as house plants, which is not a matter of wonder when we consider their free blooming qualities (many flowering when only an inch high), their marvelous blossoms, their odd and decorative shapes and the trifling care they require; above all we are able to offer them this season at remarkably low prices. **Our Special Collection for $1.00,** as illustrated below, is a **Bargain.** Six of the most desirable, easily grown varieties, especially suited for pot plants in the parlor or sitting room, requiring but little care and growing for months in a warm room without watering. **☞ We positively cannot allow any change in this Collection.**

THE CORN COB.
E. C. PECTINATUS.

E. C. BERLANDIERI.

THE BUTTON.
M. MICROMERIS.

M. PUSILLA.

THE LIVING ROCK.
ANHALONIUM FISSURATUM.

M. PECTINATA.

The Living Rock Cactus, (*Anhalonium Fissuratum.*)—A most wonderful and curious variety, and exceedingly rare, resembling most an intricate piece of carved stone work. Always attracts the greatest attention in any collection, owing to its oddity. Flowers in winter; color a beautiful light purple. Small plants, each, 30c.; large size, 50c. to $1.00.

Echinocereus Berlandieri.—This is an elegant little pot plant, dwarf growing, forming large clusters of extra fine, sweet-scented flowers. One of the most attractive of the Cactus family. Each, 25c.

Corn Cob Cactus, (*Echinocereus Pectinatus.*)—The best and finest bloomer of all "Echinoceri," blooms profusely when quite young, and makes valuable plants as well as large clusters, which often bear 40 to 50 flowers at one time. Single plants, each, 25c.

Mammillaria Pectinata.—Such a neat and beautiful Cactus as this and at such a *low price,* really deserves recognition. Bears very large yellow flowers 2¾ inches in diameter when fully open. Exterior sepals green, interior ones yellow; petals of a beautiful sulphur yellow. Each, 25c.

Mammillaria Pusilla.—This beautiful little Cactus is always admired for its bright silvery spines. Flowers yellowish white, with a red stripe through centre of petal. If forms fine clusters in a comparatively short time, and consequently can be readily propagated. Each, 15c.

Button, or Mushroom Cactus, (*Mammillaria Micromeris.*)—It is called the "Button Cactus" by some, because small single plants really resemble a fine silk-embroidered button. The flowers are followed by bright carmine berries, which remain on it all winter and make it very attractive. Single plants, 25c.

The above six make up our SPECIAL CACTUS COLLECTION. Price, $1.00, postpaid.
We can also supply a collection of ten good sorts, all easy to grow, for $1.00, postpaid.

BUTTERFLY ORCHID

Epidendrum Venosum (*Butterfly Orchid*). This beautiful orchid is just as valuable as many of the high-priced sorts, and is indeed a very free bloomer. Grown on a piece of wood as recommended for the tillandsia, it is always attractive. The moss may be kept constantly moist. Flowers many, on a long spike, and of various shades of pink and green, changing with age to rich yellow and chocolate. We were particularly well pleased with it. Price 50c. each.

THE HARDY CHINESE MATRIMONY VINE

INSTRUCTIONS FOR CULTURE.

Although perfectly hardy, it should not be set out in the open ground while the foliage is green until all danger of frost is over. Such as receive it before the time for planting, should put it into small pots or boxes, (from four to six inches in diameter) and place it in the conservatory or sunny window where it will do very well until planted out. To obtain good results the soil should be fertile and well enriched with good barnyard manure, or bone meal, thoroughly dug in. The **Chinese Matrimony Vine** may be planted close to a fence, the side of a house, old trees or walls, and fastened to them in the same manner as the climbing rose. It makes an attractive and permanent screen for unsightly objects, and when covered with its brilliant scarlet fruit, is an object of surpassing beauty. It begins to flower in the late spring, and the flowers are at once succeeded by the berries, which begin to take on color about August and remain on the vine late into the winter, **the fruit is not edible.** Price of the **Chinese Matrimony Vine,** extra size plants two years old, 50c. each; $4.50 per doz. Young plants, 25c. each; $2.25 per doz.

CARNATIONS

Hector. Color an intense bright scarlet, fine foliage, long stems; it combines the good qualities of Portia and Garfield, of which it is a cross. Sure to please. Each 20c.; 3 for 50c.; doz. $2.00.

Crimson Coronet. New; one of the finest fringed varieties grown, of the easiest culture, flowers invariably perfect and a prize winner everywhere. Color an illuminated crimson; fragrant and a good bloomer. Each 20c.; 3 for 50c.; doz., $2.00.

Grace Battles. There is no doubt but this is the best all round Pink Carnation yet raised. In color, it is the *ideal* pink, being delicate yet striking, and will out-sell any other variety in existence, on sight. Price 25c. each; 4 for 75c.; $2.00 per doz.

Daybreak. A genuine novelty in color, being a very delicate shade of pink, and is admired by every one. 25c. each; 5 for $1.00; 12 for $2.00.

Lizzie McGowan. An elegant new white variety that is destined to become very popular, being of the purest white color, large, full and very attractive; very prolific and fragrant. 20c. each; 5 for $1.00; 12 for $2.00.

New Striped Carnation American Flag. A most distinct and novel variety; a sport from that fine scarlet "Portia," from which it differs in color; the flowers, which are of good size and fine form, are distinctly striped with alternate bands of red and white. 25c. each; 5 for $1.00; 12 for $2.00.

Golden Gate. New, rich golden yellow. Flowers of largest size and freely produced. An American variety, the first of its color (pure) originated in this country. Growth erect with strong shoots bearing many elegant flowers. Has been found more hardy than other Carnations. Each 20c.; 2 for 30c.; doz. $1.75.

Tidal Wave. Bright rosy pink. Dwarf, extraordinary free bloomer, large; strong healthy habit. The gem of the set, no carnation can approach Tidal Wave in color or size of flowers. Each 20c.; 2 for 30c.; doz. $1.75.

Silver Spray. A pure white and beautifully fringed Carnation, of robust growth and dwarf habit; that will take the first place among whites. The flowers are of great substance and nearly all long-stemmed. The best market white. 20c. each; 2 for 30c.; $1.75 per doz.

Buttercup. Rich golden yellow, the same shade as the well-known "Marechal Neil" Rose, having a few streaks of clear carmine, strong habit; the flowers are large and full, of immense size and very double. 25c. each; 5 for $1.00; per doz. $2.00.

The Set of Ten Varieties, one of each kind, for $1.50.

Carnation, Crimson Coronet.

CHRYSANTHEMUMS

We give below a list of the very best varieties of Chrysanthemums, the cream of recent introduction. We would draw your attention to our **Three Special Varieties,** which are certainly the Three Gems of the past season.

THREE SPECIAL VARIETIES

GOLDEN WEDDING. This is a grand golden yellow variety. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance. Price, 30c. each; $3.00 per doz.

GETTYSBURG. This is a deep crimson variety, and excels in its color as *Golden Wedding* does in yellow. The outer petals are broad and drooping, and have a lustrous sheen in the sunlight. The form is flat with drooping outer petals, which gives it a very graceful appearance. Price, 30c. each; $3.00 per doz.

GOOD GRACIOUS. Another introduction from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color also is unique, being a delicate shade of peach pink throughout. The form is remarkable, the petals are incurved and twisted, overlapping each other in irregular fashion, and resembling talons. Price 30c. each; $3.00 per doz.

Special Offer.—As an inducement to our customers to procure these grand varieties, we combine the three in one collection of the "Three Chrysanthemum Gems" for the low price of 75c. for three plants.

STANDARD VARIETIES

Miss Kate Brown. The very finest of all the early whites, coming into bloom the first week in October; fully six inches across; a fine incurved flower with broad petals; beautiful in natural sprays.

Niveus. (Smith). A grand snow white variety. Centre irregularly incurving with outer petals reflexing nearly to the stem. Constitution robust, foliage large and abundant, while the keeping qualities of the flowers are unsurpassed. Without doubt one of the best seedlings of the year.

Joey Hill. Of the very grandest size; we know of nothing larger in the entire family. Color, deep cardinal red of beautiful shade, faced with old gold; the outer petals are flat, showing the color to good advantage; the centre is an immense mass of closely packed petals, no room for another one apparently. Very strong in growth.

Ivory. Unexcelled for pot culture or cutting; pure white flower, of exquisite form and finish. Has been shown in grand shape at all the recent exhibitions; it is especially noticeable for its grand globular form, its dahlia like petals and absolute purity of color.

V. H. Hallock. Rosy pearl, deeper in center; incurved and twisting center; petals convex, rounding downward; magnificent variety.

Vivian Morel. The pleasing pink tones of the flower deepened by claret tints is very lovely. *It is of largest size,* regular in form, reflexed, very full center, with excellent stem and foliage; an ideal flower in every way.

Violet Rose. Of very silky texture; petals long and straight; a fine grower; flower of extra large size and fine color. A fine keeper when cut.

Mrs. J. G. Whilldin. A handsome yellow variety of large tint; splendid in size and form, and magnificent addition to the scarce, very early, large flowering varieties.

Geo. W. Childs. The first deep red flower to surpass the old Cullingfordi. Flower large, reflexed, with broad stiff petals, stem strong and erect, heavy glossy foliage growing close up to the flower.

Tuxedo. Amber-bronze of very bright color; petals straight, forming a half globe when fully open.

Mrs. Robert Craig. Pure snow white, incurved to form a perfect sphere like the typical Chinese, perfectly double, and with the breadth of petal and grandeur of build found in the Japanese. Very large in size.

PEERLESS COLLECTION 25c. each. Set of the above 11 varieties and any one of our Three Special Varieties for $2.75.

FUCHSIAS

Beauty of Exeter. (New). Most distinct and attractive of recent varieties of this class. The double corolla is pale, the sepals pink and deep coral, quite different from that type of Fuchsia so well known having purple corolla with red sepals. The habit of growth is vigorous, with large healthy leaves. It is almost continuously in flower. Each, 40c.

Phenomenal. The largest Fuchsia we have yet seen—larger than Champion of the world; the tube and sepals are bright coral-red, beautifully formed; the corolla, nearly 2½ inches across, is of the very richest violet shade; the habit is remarkably free, and it blooms more freely than any large variety we have seen. Each, 15c.

Storm King. The sepals are of the same glowing scarlet-crimson as the buds, while the large double corolla is of delicate waxy whiteness, elegantly pencilled with deep bright crimson. No finer contrast of colors can be imagined. Strong plants 15c. each; $1.50 per doz.

Mrs. E. G. Hill, The Finest Double White Fuchsia. This magnificent variety is undeniably the most perfect and beautiful double white Fuchsia ever raised. The short tube and sepals are a bright rich reddish crimson color; corolla extra large, full and double; flower of the largest size. It has every qualification to recommend it, size, freedom of bloom and good constitution. 15c. each; $1.50 per doz.

Fuchsia, Mrs. E G. Hill

Trailing Queen. (New). This Fuschia differs from all others in habit of growth. Instead of growing upward the young branches spread out toward the edge of the pot and then droop downward, continuing this way until the vines are four feet or more in length, and covered with handsome foliage. The flowers are borne in clusters, large, long and graceful. The corolla at first is deep violet purple, changing to crimson; buds, tubes and sepals rosy scarlet. A very profuse bloomer and vigorous grower. 25c. each.

One each, the above 5 varieties, $1.00.

COLEUS

Our list includes the best varieties that are grown, our plants are strong and well grown, and are sure to give best satisfaction. We will give special prices for large quantities for bedding. Price, 10c. each; 6 for 50c.; per doz., 90c.; per 100, $5.00.

PINCHER CREEK, November 5th, 1893.

J. A. SIMMERS, ESQ., TORONTO.

DEAR SIR,—The Bulbs, Palm and Ferns, came to hand yesterday in splendid shape. I beg to thank you for the great care taken in packing.

Yours faithfully,

G. W. GILL.

GERANIUMS

Geranium, La Favorite.

LA FAVORITE.—This is without a doubt the best double white Geraniumever offered. It is so far ahead of all others that a comparison is unnecessary. It is a strong grower, a profuse bloomer, always coming perfect in color and substance. The trusses are very large, flowers beautifully formed, of the purest white, retaining its color in the sun, not drawing to a pinkish color as do so many of the white varieties. Price, 25c. each, per doz. $2.00.

ZONAL GERANIUM, SOUV. DE MIRANDE.—The finest Geranium of recent years, entirely distinct and novel. It has round florets, upper petals cream white, with a distinct rosy pink border; lower petals salmon rose, streaked with pure white, extremely free-flowering and produces fine trusses of magnificent blooms. Foliage good and habit first class. Price, each 15c., per doz. $1.50.

P. Crozy.—The foliage shows the blending of two races, having the form of the Ivy and the substance and size of the Zonales. The flowers are brilliant scarlet, borne in the greatest profusion, the trusses measuring six inches across and the individual florets two inches. Price, 25c. each, 5 for $1.00, $2.00 per doz.

SIX GOOD DOUBLE GERANIUMS

Le Prophete. Most magnificent double scarlet. Price, 15c. each, 2 for 25c.
Le Cid. Color, brilliant crimson-red. 15c. each, 2 for 25c.
Centaur. Largest and most perfect of the pink doubles. 15c. each, 2 for 25c.
Adrienne Corret. Bright reddish orange color. 15c. each, 2 for 25c.
Bruant. Soft brilliant scarlet, with yellowish cast. 15c. each, per doz. $1.50.
White Swan. Grand double white. 15c. each, per doz. $1.50.

One of each of the above six double varieties for 75c.

SIX GOOD SINGLE GERANIUMS

Mrs. E. G. Hill. Distinct shade of salmon, with light shading at the centre; 15c. each, per doz. $1.50.
Lily. Best single white, new. 15c. each, per doz. $1.50.
Rev. H. Harris. Large, single, scarlet, immense sized florets, good, 15c. each, per doz. $1.50.
Avenier. Very large truss of rosy-violet, best of its color. 15c. each, per doz. $1.50.
Memphis. Very large scarlet. 15c. each, per doz. $1.50.
Brilliant Very large, dark crimson, scarlet, large white eye. 15c. each, per doz. $1.50.

One of each of the above six single varieties for 75c.

SILVER-LEAVED GERANIUMS

Assorted Varieties. 15c. each, per doz. $1.50.

IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new hybrids produced by the French growers are marvels of beauty and in richness of color surpass all geraniums.

La Rosiere. Immense trusses of large, full and well formed flowers, of a rich, warm, salmon pink color; surpasses in beauty all the colored varieties.

Galilee. A magnificent French variety, of sterling merit, unquestionably the most magnificent Ivy Geranium of the present day. Light rosy pink veined with lilac.

Jeanne D'Arc. Flowers very large and double; of the purest white; fine habit; free flowering. The only double white in the class.

Giroflee. Dark wine color, very double and extra fine.

Any of the above 20c., per doz. $2.00.

One of each of the above four varieties, 75c.

HYDRANGEAS

(FINE PLANTS)

The Hydrangeas are well known favorities grown as pot plants; their immense heads of bloom make them very conspicuous. A little shade and plenty of water seem to meet all their needs. They can be put in to the cellar in the fall. For decorative plants on a piazza or porch, few plants are more desirable.

Otaksa. A Japanese variety lately introduced: beautiful large glossy foliage; large heads of pink flowers. 30c. each.

Thomas Hogg. Large pure white flowers, which, on well grown plants, measure more than twelve inches in diameter; is quite as hardy as the other garden sorts. 30c. each.

MANETTIA VINE (Manettia Bicolor)

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flamed color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. 20c. each, 7 for $1.00.

DOUBLE HOLLYHOCKS

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. Our collection contains all the colors named, but as they are grown from seed an occasional departure from these shades may be expected. We offer them in the following shades, which are the leading colors grown; Double White, Double Yellow, Double Lavender, Double Pink, Double Crimson, Double Purple and Double Maroon. Price for two-year-old-plants: 20c. each, per doz. $2.00. We can also supply good plants at $1.50 per doz.

HELIOTROPES (in variety)

Indispensable for bouquets and vases of flowers; their rich tints of lavender blue and purple, and exquisite vanilla perfume are familar to all. Price 15c. each, $1.50 per doz.

MAMMOTH VERBENAS

We offer twelve of the most distinct varieties of these useful bedding plants. All are of the mammoth or large-flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc. 10c. each; 75c. per doz.; 25 for $1.25; $4.00 per 100.

Hydrangea Paniculata Grandiflora

This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 3rd size 25c., 2nd size 50c., 1st size 75c. each.

SURPLUS COLLECTION

We often have new or rare plants in too small quantities to offer in our regular list, as well as extra large stocks of some grand standard kinds, besides this we often wish toward the end of the season to clear out certain greenhouses and make room for new stock. For these reasons we are often glad to offer bargains, when selection is left to us. These **Surplus Collections of Plants and Bulbs** we are ready to fill by May 25th; orders received before that time will be booked and executed in rotation. We will send plants amounting to not less than $2.00 at catalogue prices and pay postage; however, if ordered to go by express we can send many more plants and of larger size, but they are always of our selection. **Price, Surplus Plant and Bulb Collection, One Dollar. Ready May 25th.**

Hydrangea Paniculata Grandiflora.

Hardy Perennials

The tide of popular favor has turned decidedly towards these most useful of all plants. PERFECTLY HARDY, once planted will last for years, increasing in size and beauty. They are no doubt the plants of the future. The following sorts have been selected with the greatest care; we think no better can be found.

Helianthus Multiflorus.

Achillea, the Pearl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pompone Chrysanthemum; as a summer cut-bloom it is a great acquisition. 25c. each, $2.50 per doz.

Anemone Japonica. One of the most beautiful of the hardy herbaceous plants. They commence to open their rich colored single blooms in August, and continue to increase in beauty until cut by frost. 25c. each, $2.50 per doz.

Anthericum Liliastrum *(St. Bruno's Lily).* A beautiful plant with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. 25c. each, $2.50 per doz.

Aquilegia Chrysantha *(Yellow Flowered Columbine).* Grows two and a half feet high, forming a bush two to three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. 25c. each, $2.50 per doz.

Perennial Phlox.

Clematis Davidiana. This new Japanese Clematis is destined to be one of the finest of hardy plan s, and indispensable to all collections of plants. It is a shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (four to six) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 25c. each, $2.50 per doz.

Coreopsis Lanceolata. Flowers bright golden yellow on wiry stems, of fine shape and substance, blooming from June until cut off by frost. Each 25c., doz. $2.50.

Delphinium Formosum *(Perennial Larkspur).* This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 25c. each, $2.50 per doz.

Dianthus (in variety). 25c. each, $2.50 per doz.

Dianthus Plumarius Stanislaus. Of dwarf, compact habit, blooming perpetually the entire summer; violet rose, with deep crimson centre. 25c. each, $2.50 per doz.

Dictamnus Fraxinella. A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. 25c. each, $2.50 per doz.

Digitalis *(Foxglove).* A handsome and highly ornamental hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15c. each, $1.50 per doz.

Eulalia Japonica Zebrina *(Zebra Striped Grass).* A remarkable variegated plant, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 25c., doz. $2.50.

Funkia Alba *(Day Lily).* Pure white, lily-shaped, fragrant flowers, borne in large clusters. 25c. each.

Gaillardia Grandiflora. This is undoubtedly one of the finest of hardy perennials. The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, and blooms in the greatest profusion from June to November. 25c. each, 5 for $1, 12 for $2.

Helianthus Multiflorus, fl. pl. *(Double Hardy Sunflower).* An extremely useful hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time; it should find its way into every garden. 25c. each, $2.50 per doz.

Hemerocallis Flava *(Lemon Lily).* Lemon-colored flowers, excellent for planting among shrubbery. 25c. each, $2.50 per doz.

Hibiscus *(Perennial Mallow).* The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. 25c. each, $2.50 per doz.

Iceland Poppies. These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The plants form very ornamental tufts of Fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers, the petals of which glisten like crushed satin. The profusion of blooms which they produce is really astonishing, often a hundred flower-stems on a single plant and they are produced in never-ceasing succession from the beginning of June to October. Not only are these Poppies attractive in the garden, but for elegance in a cut state they are simply unsurpassed. Mixed colors, 20c. each, $2.00 per doz.

Phlox. The Phloxes are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. 25c. each, $2.50 per doz.

Violet, New Double Russian. A perfectly hardy Double Blue Violet, deliciously fragrant, deep in color, and very free flowering. 35c. each, $3.50 per doz.

SPECIAL.—One of each of the above select list of Hardy Perennials for $4.00.

12 SELECT EVER-BLOOMING

AGRIPPINA, or QUEEN'S SCARLET.
A rich shade of crimson.

BON SILENE.
Most exquisite tea-scent; color, bright brilliant carmine.

CLOTHILDE SOUPERT.
The flowers of this beautiful variety are of a unique color, being of a pearl white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

COUNTESS DE LA BARTHE, or DUCHESS DE BRABANT.
Of a beautiful silvery pink color; very fragrant.

ETOILE DU LYON.
Fine striking sulphur yellow.

HERMOSA.
Undoubtedly the best pink bedding Rose in cultivation.

Rose, Clothilde Soupert.

SUMMER ROSES

MARIE GUILLOT.
White, slightly tinted with lemon; very large, finely shaped flowers.

METEOR.
A rich, dark, velvety crimson hybrid, tea.

SAFRANO.
Saffron yellow.

SOUVENIR D'UN AMI.
Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant.

SOUVENIR DE LA MALMAISON.
Rich flesh color, beautifully shaped double flowers.

THE BRIDE.
A lovely pure white Rose of the Mermet type; it is very full, double and free-flowering.

Strong Bushes 40c. each, $4.00 per doz.

HYBRID PERPETUAL ROSES

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.

BARONESS ROTHSCHILD.

Alfred Colomb. A splendid rose; large, globular, full and very sweet; bright clear cherry red, shaded with crimson.
Alfred K. Williams. Carmine red, changing to magenta.
American Beauty. The flowers are very double, of a deep crimson color, and very fragrant.
Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.
Baron de Bonstettin. Dark red, almost black; very large, double, fragrant flowers: a strong grower.
Baroness Rothschild. A magnificent rose, color rich satiny pink.
Boule de Neige (*Ball of Snow*). A pure white rose of good substance, of fine form and medium size.
Capt. Christy. A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color.
Cardinal Patrizzi. Velvety crimson, of fine form.
Countess of Oxford. Bright carmine red; shaded. Large and full rose.
Dinsmore. Rich crimson. See Roses of special merit.
Duchess of Albany. Rich deep pink.
Duke of Edinburgh. Brilliant scarlet crimson, shaded with maroon, large and full, one of the best.
Earl of Dufferin. Velvety crimson shaded with maroon, large, full, finely formed.
Fisher Holmes. Rich velvety crimson, large double; and of fine form; a splendid rose.
General Jacquimenot. Brilliant scarlet crimson.
Gloire de Margottin. Dazzling scarlet.
John Hopper. Bright rose, carmine centre; flowers large, cupped, and well formed.
Jules Margottin. Bright carmine, cupped; very fragrant.
La France. Splendid satin rose; very large, full, fine form; a constant bloomer.
Mabel Morrison. Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.
Mme. Gabriel Luizet. Fine satiny rose, very large and full.
Magna Charta. Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.
Merveille de Lyon. Pure white, shaded with satiny rose.
Mons. Boncenne. Dark velvety crimson, large, full and of fine form.
Mrs. John Laing. Delicate pink, with satin tinge.
Paul Neyron. Very large dark rose; by far the largest rose in cultivation.
Prince Camille de Rohan. Deep velvety crimson maroon, shaded with red.
Queen of Queens. Pink with blush edges; large and full blooms; a true perpetual flowering rose.
Ulrich Brunner. Bright cerise red; flowers large and full.
White Baroness. Pure white; a splendid bloomer.
Xavier Olibo. Dark velvety purple, shaded amaranth.

First size, extra heavy two-year-old plants, 40c. each; $4 per doz.; $30 per 100.

TWELVE SELECT HARDY GARDEN ROSES

The following selection of Hybrid Roses can be especially recommended for general out-door planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance. For descriptions see General List of H. P. Roses.

ANNA DE DIESBACH, BARONESS ROTHSCHILD, GENERAL JACQUIMENOT, MAGNA CHARTA, MME. GABRIEL LUIZET, LA FRANCE, MONS. BONCENNE, PAUL NEYRON, PRINCE CAMILLE DE ROHAN, QUEEN OF QUEENS, ULRICH BRUNNER, WHITE BARONESS.

Large size plants, 40 cents each; $4.00 per dozen.

General TEA ROSES Collection

The tea-scented everblooming Roses are admired for their delicious fragrance, free-blooming qualities and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

Bon Silene, brilliant carmine rose.
Catharine Mermet, bright pink.
Devoniensis, creamy white, of lovely form.
Etoile du Lyon, fine sulphur yellow of deeper color in the centre.
Mad. Cussin, purple rose, white centre, tinted yellow; large, full and well formed.
Mad. de Wattville, creamy white, each petal bordered with light rose.
Mad. Host, creamy yellow, with deep buff yellow centre.
Meteor, a rich dark velvety crimson.
Papa Gontier, exceedingly free flowering; one of the finest roses either for out of doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.
Perles des Jardins, beautiful rich yellow.
Souv. de Wootton, bright crimson, very fragrant.
The Bride, pure white.

First size strong plants, 40 cents each; $4.00 per dozen.

Hardy Climbing or Pillar Roses

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.
Baltimore Belle, blush of medium size, flowers in clusters.
Gem of the Prairies, rich rose color, very fragrant.
Gloire de Rosamene, bright crimson, semi-double handsome buds.
Grevilla or Seven Sisters, flowers in clusters, opening at first of a light rose color, changing to pure white.
Prairie Queen, deep rose, hardy and desirable.
Setina or Climbing Hermosa, bright pink, very free blooming.
Sweet Briar, rosy pink.
Waltham Climber, No. 1, bright crimson. The three Waltham Climbers are entitled to the claim of being autumnal flowering.
Waltham Climber, No. 2, rosy crimson, fragrant.
Waltham Climber, No. 3, dark crimson.
Washington, pure white, very free.
W. A. Richardson, orange yellow, an entirely new shade in roses; very desirable.
White Musk Cluster, pure white, very fragrant.
Yellow Persian, bright golden yellow, the only hardy yellow climbing rose in cultivation.

First size strong plants, 40 cents each; $4.00 per dozen.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau, lovely pure white, large and full.
Comtesse de Murinais, large white, beautifully mossed.
James Veitch, deep violet, shaded crimson, very free.
Henry Martin, fine crimson, very vigorous.
Little Gem, dwarf habit, small double crimson flowers, finely mossed.
Luxembourg, bright crimson scarlet.
Mt. Blanc, pure white.
Princess Adelaide, bright rosy pink, large.
Raphael, pinkish white, very mossy.
William Lobb, purplish violet.

First size, 40 cents each; $4.00 per dozen.

Clematis.

The Clematis is, perhaps, the most popular climbing plant of the day, and is constantly gaining in popularity. Entirely hardy, blooming during the entire season, embracing great variety of color, of the most beautiful tints of blue, purple, lavender, scarlet, white etc.; double and single—some of the flowers being six inches in diameter. They are all climbers, and, if trained carefully, attain a height of from five to fifteen feet in one season.

The following list includes only the finest varieties.

Beauty of Worcester, New. A sterling variety, which possesses the singular merit of producing both single and double flowers on the same plant for its earlier bloom, and as the season advances single flowers only are borne. It is a large and handsome six to eight petalled flower of a lovely bluish-violet shade, with prominent pure white stamens, which greatly add to its beauty. Price $1.00 each.

Jackmanni, fine perpetual Clematis, violet-purple, blooms from July to October. Price 75c., 3 for $2.00.

Languinosa Candida, a variety having large, delicately-tinted grayish-white flowers, which become white after the flowers are fully expanded, one of the best. Blooms from July to October. Price, 75c. each, 3 for $2.00.

Star of India, this is one of the very profuse flowering varieties, of vigorous habit, showy and free. The flowers are of a deep purple, with a red bar in the centre of each flower leaf, first-rate for bedding as well as for training up. Blooms from July to October. Price 75c. each, 3 for $2.00.

Magnifica, reddish-purple, red bars. Price 75c., 3 for $2.00.

Madam Baron Viellard, called the Rose-flowered Jackmanni. New, one of the strongest, most vigorous and free-blooming varieties of all Clematis. Will make a sensation when known; flowers from four to five inches in diameter, and of perfect form. Light rose with lilac shadings, a new color; winner of Gold Prize Medal at Paris when first exhibited. Cannot be praised too high. Blooming plants, each $1.50.

Henryi, (Bangholm Belle). This is a much stronger grower than many of the others, and produces flowers at almost every joint. The bloom is always 8-sepaled, four to six inches in diameter and pure white. Very hardy, each 75c., 3 for $2.00.

Flammula, "Fragrant Virgin's Bower." This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and, when trained on trellis work and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy, 30c. each, $3.00 per doz.

Clematis Jackmanni, one-half natural size

HARDY PASSION FLOWER, CONSTANCE ELLIOTT.

An elegant climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color, pure ivory white, with raised centre. Hardy in open ground, if given a light covering of leaves or litter during winter. Each 25c., per doz. $2.50,

BIGNONIA.

(Trumpet Creeper).

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora, large flowered Trumpet Creeper, bearing blooms of an orange red color, 50c. each.

Radicans, dark red, orange throat; free-blooming and very hard. 30c. each, $3.00 per doz.

COBÆA SCANDENS.

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. Large plants, each 25c.

HONEYSUCKLES.

Monthly Fragrant, beautiful variegated flowers; blooms all the summer, each 50c.

Scarlet Trumpet, a strong rapid grower: bright scarlet flowers; blooms all the summer, large plants each 50c.

Yellow Trumpet, a very robust rapid grower; yellow flowers; blooms all the summer, large plants, each 50c.

VIRGINIA CREEPERS.

A very well-known rapid grower; like the Bignonia and Ivy it throws out roots at the joint by which it fastens itself to anything it touches. Small plants each 20c., large strong plants 40c. each, per doz. $4.50.

CHINESE WISTARIA.

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of fifty feet or more, when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Chinese (Sinensis). Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the fall, 50c. each.

Sinensis Alba. Flowers in long drooping clusters, as in the blue variety; pure white in color, most striking. 50c. each.

ENGLISH IVY. A splendid evergreen, well known climber, with dark glossy green leaves, clings firmly to stone or brick walls, covering them. Each 15c., 3 for 40c., doz. $1.50.

WHITE PERSIAN LILAC. It is doubtful if anything in the whole range of flowering shrubs surpasses this in grace and elegance, or in hardiness and usefulness. As a decorative plant on the lawn or in the border it is without a peer, and its pure white graceful plumes of sweetly fragrant flowers add grace and beauty to bouquets, vases, etc. As a cemetery plant it is without a rival. The plants we offer are unusually fine. Price 75c. each, $7.50 per doz.

ARISTOLOCHIA SIPHO (Dutchman's Pipe). A vigorous growing vine with large heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known, hardy and a rapid grower, best for porches, verandahs and sides of dwellings, each 50c.

BOSTON IVY.

AMPELOPSIS VEITCHII (Boston Ivy). A beautiful hardy, climbing plant, of Japanese origin. This is one of the finest climbers we know for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh deep green in summer, changing to the brightest shade of crimson and yellow in autumn. It is quite hardy and becoming more popular every year. Small plants 20c., 3 for 50c., 7 for $1.00; strong plants 40c. each, 3 for $1.00.

AMPELOPSIS ROYALI. It is identical with Veitchii as regards its climbing properties, but is is a larger and stronger plant. The leaves even in summer are richly tinted crimson, in autumn gorgeous flame-colored foliage. Strong plants each 50c., per doz. $5.00.

WATER LILIES

NYMPHAEAS.

Red Water Lily, (N. Devoniensis). This is one of the choicest in cultivation, leaves often measuring 25 inches in diameter and the flowers 12 inches, of a rosy red color with scarlet stamens, glowing by lamplight with indescribable color, each $1.50.

Blue Water Lily, (N. Zanzibariensis). This is beyond a doubt the finest and deepest colored blue. It is of a shade of blue so deep that it can be called purple, and often is called the "Royal Purple," and sold for $5.00 each. Continuous bloomer. Our price, each $1.00.

Giant Water Lily, (N. Reniformis Gigantea). This is a large white form of Reniformis which one of our collectors discovered in one of the beautiful lakes of Michigan. Its flowers often grow 9 inches in diameter and it is as fragrant as N. Odorata. Perfectly hardy and an ever-bloomer. We predict a grand success for this Lily. Each 25c., 3 for 65c.

Pink Water Lily, (N. O. Rosea). This is the famous Pink Lily of Cape Cod. It is very fragrant, hardy; and a free bloomer, of a deep pink, somewhat like the rose "Hermosa." We pronounce this the most lovely and desirable hardy Water Lily, and are happy to offer good roots at a reduced price. Each $1.50.

Fragrant Water Lily, (N. Odorata). The well known white, noted for its fragrance. Hardy anywhere. Each, 25c.

SPECIAL OFFER—We will send postpaid one each of the above Lilies for $4.00.

Simmers' Select List of Nursery Stock

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the first of May, as after that date they usually begin to show leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

HARDY GRAPE VINES (Black)

	Price each.	per doz.
Concord, old reliable sort, large and fine	25c.	$2 50
Worden, best black grape seedling of Concord, larger, more delicious, much earlier, very reliable	40	4 00
Moore's Early, earliest good black grape, very large	50	4 50
Champion, hardiest and earliest of all	25	2 50
Wilder (Rog. 4), largest black, very fine	25	2 50

Red Grapes

Lindley (Rog. 9), best red, very delicious	50	4 50
Agawam (Rog. 15), largest red, not early	50	4 50
Massassoit (Rog. 3), earliest red, excellent	50	4 50
Salem (Rog. 22), dark red, good quality	50	4 50
Prentiss, bunch large and compact, sweet and juicy	50	4 50
Vergennes, berries large, holding firmly to the stem; light amber, rich and delicious	50	4 50
Jefferson, bunch very large, bright red, sweet and juicy	50	4 50
Delaware, red, well-known sort; delicious and productive	50	4 50
Brighton, finest quality of all out-door grapes, dark red	50	4 50
Wyoming Red, sweet and large, a native variety	50	4 50
Ulster Prolific, new red	75	7 00
Poughkeepsie, red	75	7 00
Moyer, new, red, splendid early, well rooted	$1 50	15 00

White Grapes

Niagara, finest large white grape, very sweet	75	7 00
Moore's Diamond, greenish white, compact bunches, berries size of Concord	50	4 50
Lady, fine, early, hardy	50	4 50
Jessica, earliest white grape, very delicious	75	7 00
F. B. Hayes, white early, hardy, large, sweet, new	1 00	10 00
Duchess, greenish white, splendid quality	1 00	10 00

☞ **All Vines Two Years Old; Well Rooted.**

Foreign Grape Vines

For culture under glass.

Black Hamburg, black, exceedingly reliable.
Muscat Hamburg, black, muscat flavor, very delicious.
Duchess of Buccleugh, delicious white
Lady Downs, large black, late, one of the best
Canon Hall Muscat, black, very fine
Bowood Muscat, white, large, sugary
Foster's White, excellent.

Fine 2-year old Vines, $1 50 each.

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower, on application.

Red Varieties

JAPANESE RASPBERRY (Wineberry), Something like the Raspberry in growth and hardiness; bears in clusters. Plants, each 15c., 8 for $1.00, 18 for $2.00, postpaid.
SCHAFFER'S COLOSSAL, reddish brown to purple, very large. Each 10c., per doz. $1.00.
Cuthbert, a decidedly fine variety. Each 15c., per doz. $1.50.
Hansell. Each 15c., per doz. $1.25.
Turner. Each 15c., per doz. $1.25.

Yellow Varieties

BRINCKLES ORANGE, decidedly the best of the yellow sorts. Each 15c., per doz. $1.50.
GOLDEN QUEEN, very large delicious and firm. Each 15c., per doz. $1.50.
Caroline, yellow, hardy, an immense bearer, fruit good size. Each 10c., per doz. $1.00.

BLACKBERRIES

TAYLOR'S PROLIFIC, largest of all hardy sorts, and hardiest of all large sorts, very productive, very delicious. Each 15c., per doz. $1.50.

Schaffer's Colossal Raspberries.

Agawam, about as large as Taylor, almost as hardy, and the sweetest of all. Each 15c., per doz. $1.50.
Early Harvest, earliest Blackberry known, medium size, needs protection. Each 10c., per doz. $1.00.
Erie, famous new sort, very large, very early, *not as hardy as Taylor.* Each 25c., per doz. $2.50.

RASPBERRIES

Black Caps

Gregg, large black fruit, firm and a good shipper. Each 20c., per doz. $2.00.
Souhegan or Tyler, jet black, medium size, and very productive, earliest of the Black Caps. Each 20c., per doz. $2.00.
Ohio, a Black Cap of magnificent quality, hardy, and the best canning or evaporating. Each 20c., per doz. $2.00.
Hilborn, large, productive, and of fine quality, ripens early. Each 20c., per doz. $2.00.

CURRANTS

A rich loamy soil is desirable; plant 6 feet by 4, mulch and protect in winter.
RUBY CASTLE, large red berries, exceedingly productive. Each 20c., per doz. $2.00.
LA VERSAILLES, popular variety, bunch and berries large, bright crimson. Each 20c., per doz. $2.00.
FAY'S PROLIFIC. Has sustained all claims that were ever made for it by the originator, which were as large as Cherry, berries much more uniform, with larger stems and fruit less acid, and far more productive. 2 years. Each 25c., per doz. $2.00.
Cherry, red, large as Fay's Prolific. Each 20c., per doz. $2.00.
White Grape, finest White Currant, mild flavored, berries and bunches large, very productive. Each 20c., per doz. $2.00.
Black Naples, fine reliable sort, much larger and better than old "Black English." Each 20c., per doz. $2.00.
Lee's Prolific, best old black currant, fine grower, good bunches, berries large, very productive. Each 20c., per doz. $2.00.
Black Champion, new, the finest Black Currant, large as Lee's Prolific, much more delicious, and a great cropper on soils which do not suit other varieties at all. Each 20c., per doz. $2.00.

Strawberry.

GOOSEBERRIES

Plant four feet each way. 2 years.
HOUGHTON, small, well-known sort, red when ripe. Each 15c., per doz. $1.50.
Downing, freest from mildew of any American sort, double the size of Houghton, green, delicious. Each 20c., per doz. $1.75.
Smith, about size of Downing and tastes a little better, also bears immensely, crop seldom hurt by mildew. Each 20c., per doz. $2.00.
Industry, fruit very large and delicious, plant a good strong grower, fruit red when ripe. Each 25c., per doz. $2.50.

STRAWBERRIES

We offer for sale the following varieties of well-rooted plants.
Parker Earle, an amazingly productive variety. Per 100 $2.00.
Bubach, this berry combines great and uniform size, unsurpassed productiveness and good quality. Per 100 $2.50.
Lovett's Early, a seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity. Per 100 $2.00.
Michel's Early, a prolific bearer; very early; an iron-clad in constitution. Per 100 $2.25.
Haverland, a very vigorous grower; fruit large. Per 100 $2.50.
Gandy, a large late berry firm and good; of sturdy growth. Per 100 $2.00.
Warfield, a large-hearted generous berry. Per 100 $2.50.
Gov. Hoard, Magnificent, vigorous foliage. Per 100 $2.25.
Williams, new, very promising, said to be firmer and more productive than even the "Wilson." Per 100 $2.50.
Woolverton, originated in Canada, thoroughly tested. Per 100 $1.75.
Gipsy, white when ripe, delicate and delicious in flavor. Per 100 $2.00.

RHUBARB ROOTS

Myatt's Linnæus, per root 25c., per doz. $2.25.
Victoria, per root 25c., per doz. $2.25.

SEA KALE.—Price for strong roots per doz. $1.00.

ASPARAGUS ROOTS.—CONNOVER'S COLOSSAL, the largest variety grown. Per 100 roots, 2 year old, $2.00.

HOP (Humulus Lupulus).—Very hardy, withstanding heat, drought and insects remarkably; one of the most rapid growing ornamental climbers known; foliage dense. Strong roots. Each 25c., 5 for $1.00. Hop sets for planting out $1 per 100.

PLANTS, of all the varieties of **Cabbage, Cauliflower, Celery, Egg Plant, Tomato and Peppers** (see page 27). The leading varieties of **Annual Flowers,** furnished in the months of May and June at market prices.

HARDY TRIFOLIATE ORANGE

This is the most hardy of the Orange family, and will stand our Northern climate with little or no protection, and is also desirable for pot culture. It is dwarf, of a low, shrubby growth, with beautiful trifoliate, glossy green leaves and abundance of large, white, sweet-scented blossoms, larger and finer than any other variety of Orange blossoms and borne almost continually. The fruit is small, bright orange red in color, having a peculiar pleasant flavor. Extra large 50c. each; 3 for $1.25; strong trees, 25c.; doz, $2.50.

ELEAGNUS LONGIPES

A vigorous growing hardy shrub, only a few feet in height, producing fruit half an inch or more long, of a bright red color, covered with white dots; it may well be grown for the beauty of its fruit alone, which, moreover, is juicy and edible, with a sharp, rather pungent, agreeable flavor. To some persons it is far preferable to the Currant or Gooseberry, and is without question a valuable addition to our small fruits. Each 25c., 3 for 65c., doz. $2.50, by mail, postpaid.

HOP SETS, WELL GROWN, $9 PER 1,000

FIR TREE OIL INSECTICIDE, SOLUBLE. Soluble insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is as harmless to the skin and hands when used as a wash. **Fir Tree Oil** is put up and sold in bottles, with full directions for its use, small size, 25c. ; half pint, 50c. ; pint, 75c. ; quart, $1.50 ; half gallon, $2.75 ; gallon, $5.00.

TOBACCO SOAP. Makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly, aphides, turnip and cabbage fleas, rose slugs and bark lice. Dissolve two oz. in a gallon of water and apply with a spraying pump, syringe or bellows vaporizer or by dipping the plants in the solution. Price, per package, 25c.; by mail, 30c.

WHALE OIL SOAP. Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Mix ½ of a pound to a gallon of water and spray on with a syringe or force pump. It is of immense importance for smearing on the trunks of trees to prevent crawling larva worms and bugs that do not fly, from going up the trees by keeping them below a band of whale oil soap, where they are readily killed with kerosene emulsion. Price, per lb., 25c. ; 2 lbs., 50c. ; 5 lbs. $1.00. By mail add 4c. per pound for postage.

LITTLE'S ANTIPEST—Readily Soluble in Water. This preparation is a sure destroyer of the Scale, Wooly Aphis and Insect pests of any or all descriptions. It may be freely used in the conservatory, garden and greenhouse, as in the orchard or vineyard. It mixes instantly with cold water in any proportion. It is safe, sure and cheap. Price, per small bottle (with full directions), 25c. ; per small tin, 50c. ; per large tin, $1.00.

LEMON OIL.—A new English preparation said to be superior to Fir Tree Oil. Our experiments with it have been highly satisfactory ; there is less danger in careless hands of injuring foliage and it does not sour the soil. Price, ½ pint, 50c. ; pint, 75c. ; qt., $1.50 ; ½ gal., $2.75 ; gal., $5.

GISHURST COMPOUND. A patented English preparation, highly recommended for preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc., also for winter dressing, and washing walls, frames and sashes of greenhouses ; largely used by leading horticulturists in England and America. Sold in boxes ; price, 50c. and $1.50 each. Directions and testimonials accompanying each box.

PURE DALMATION INSECT POWDER. Is a superior grade of our own importation, ground from half open flowers. It is so fine it penetrates hidden crevices, when blown with a gun or bellows, and many cabbage growers say it is the only effectual remedy for the cabbage worm. It is certainly one of the most effective non-poisonous insect powders. Kills all kinds of insects on plants in the garden and in the house. You can clear your rooms of flies in a few minutes by closing doors and windows and blowing a little of this powder in the air ; it will kill them all. Price, ¼ lb., 25c. ; per lb., 60c. ; or by mail, 65c.

Genuine Pure Paris Green. Securely put up in boxes. Price, per lb , 30c. ; per 5 lbs , $1.25.

LONDON PURPLE—High Grade. When applied in a liquid form 1 pound to 200 gallons, or a teaspoonful to a pail of water is sufficient. It should be mixed into a thin paste first, to prevent it from forming lumps. Price, 20c. per lb., or by mail, 35c. per lb.; 10 lb. lots, by express, $1.75.

FLOUR OF SULPHUR. For the prevention and destruction of mildew on plants, blow it over and through the foliage when the dew is on or after a thorough syringing. Price, per lb. 15c. ; 10 lbs., $1.00 ; per 100 lbs., $8.00. If wanted by mail, add 4c. per lb. for postage.

TOBACCO CLOTH. This invaluable *Insect Exterminator* is very convenient for fumigating purposes and takes the place of *Tobacco Stems*. Price, per lb , 75c. ; 2 lbs., $1.25.

Hammond's Slug Shot

Kills all kinds of Insect Life.

TRADE MARK.

SLUG SHOT.—A non-poisonous powder and a very popular insecticide—it requires no further mixing or preparation—easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Apply with duster, bellows or gun. 10 to 40 pounds is sufficient for an acre. For further information send for our little book on Slug Shot. Prices, in barrels, holding 235 lbs. net, 5c. per lb. ; per ton of 2,000 lbs., $80.00 ; **10 lb. packages for 60c.; 5 lb. packages for 35c. ; 1 lb. package 10c.;** if by mail add 4c. per lb. for postage ; tin cannister containing half a pound, with perforated top that unscrews so that it can be filled again, 25c. each; by mail, 30c. each. Full directions for its use on every package.

Hammond's Grape Dust

Is a preparation to kill the Destructive Mildew that strikes the Grape Vine, affecting leaves, fruit and stems in unfavorable seasons, and some varieties more than others. Grape Dust is put up in 5 and 10 pound packages, at 10c. per lb., with full directions for use.

FOSTITE

NO MORE CROP FAILURES, or FACTS ON FOSTITE. Acknowledged the best preventive and cure against mildew, black rot, leaf blight, rust, etc., on grapes, fruits, vegetables and plants, and its effect on insect-life. Cheaper and more easily applied than any other mixture. Fostite your plants early in the season to prevent mildew. Price, per box of 5 lbs., 70c.; 25 lbs., $2.50 ; 50 lbs., $4.50 ; 100 lbs., $8.00.

PRICES OF JOOSTEN'S MAGAZINE BELLOWS

Small Bellows (Style No. A) for the greenhouse and small farms $4.50
Large Bellows (Style No. B) for the Vineyard, to be strapped to the body..... 7.50
Horse-Power Fostite Distributor. Price on application.

THE EUREKA FUMIGATOR (Galvanized.) An effectual apparatus for fumigation. When once lit it is self-acting, and may be left in the house with perfect safety ; as to flaring it is an impossibility, all the material is completely consumed without waste and gives a dense smoke. Made of extra heavy sheet iron, in the following sizes : 12 inches high, diameter at top 5 in., holds one-half peck of tobacco stems, price, $2.00 ; smaller size, $1.75 ; smallest size, $1.50. We also offer a larger sized fumigator than any of the above for $2 50.

IMPLEMENTS FOR APPLYING INSECTICIDES

Woodason's Patent Insect Exterminator Bellows

Blows Paris Green, Hellebore, Dalmation Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc.

Price of Improved Patented Bellows, **$3.00**
Price of Liquid Atomizer Bellows, **$3.50**

This is the only article in the market that effectually kills the rose bush bug, throwing a very fine spray.

Small Powder Bellows, for house use **$1.25**

The above goods will be shipped to any address on receipt of price.

Woodason's Insec Powder Bellows.

The "I. X. L." Automatic Spray and Force Pump

The Automatic Spray Force Pump.

Unique, most practicable, no foot fastening required. It is made of nickled brass ; galvanized iron tubing ; extra large air chamber or reservoir ; brass springs ; pure rubber valves ; saucer-shaped, anti-clogging foot, with strainer on top, and with the sprays that go with it warrant us in claiming that it is what has long been needed for spraying purposes. It will pump from the pail or will carry the material to be used, and will throw a stream of 25 feet. The "Automatic" is otherwise generally useful ; is first-class in construction, nicely finished, and at the price named it should be acceptable to all. With the length of rubber hose attached to each pump it can be used for spraying roses, flowering shrubs and small fruits—something that no other pump of the same value will do. This "Automatic" Pump can be applied to a great variety of uses, and can be used as a Syringe. Our experience of last season gives us every confidence in making this guarantee.

Price, $3.00 each , postpaid, $3.50

J. A. SIMMERS' GARDENERS' TOOLS AND REQUISITIES

Asparagus Buncher, walnut frame $3 00
Brackets.—Flower Pot, ornamental, various sizes, each, 80c. to 3 00
Bouquet Holders.—(Novelty); cheap, durable and tasty—in fact, perfect 10
Corn Planter.— " each 1 50
Cork Virgin.—For rockeries, etc., flat and tubular per lb 15
Dibblers.—For planting, steel points, very desirable; each 50
Ferneries.—Each from $7 to 10 00
Floral Tools.—Set of 4; small, 75c., large .. 1 50
Gloves.—Ladies' Chamois, pair 1 00
" Oiled 80
" Gardeners's (men's) 50
" Harvest " No. 2 25
" Thrashing 75
Grafting Wax.—¼ lb. package, 25c.; ½ lb. package, 40c.; 1 lb. package 75
Garden Lines.—Of the best material, each .. 25
" **Reels.**—Iron, plain, with stake 70
" " Larger size 1 00
Grass Hooks, English.—Two sizes; each 50c. and 60c.
Hoes.—Dutch Scuffle, 6 inches, each 60
" " 7 inches, " 65
" " 8 inches, " 70
Hose Rubber.—In 25 and 50 feet lengths only; including couplings, viz., best quality, per ft., ¾ in., 18c.; 1 in., 23c.; good quality per ft., ¾ in., 12c.; 1 in 14
Hose, Nozzle, brass, with spray and stream tip, ¾ in 1 50
Hose, Nozzle, Graduating spray and steam, ¾ in 1 25
Hose Menders.—Each 25
" **Reels.**—Holding 100 feet, $2.50 to 3 50
Hyacinth Glasses.—In assorted colors, plain, blue, green, wine and amber, flat or tye pattern, each, 20c.; per doz. $2 00; tall, each, 15c.; per doz. $1.75; new design, pink shaded, tall, each 50
Iron Lawn Rollers.—Each 15 00
Knives.—Asparagus, imported, best Sheffield make 1 00
Knives.—Budding, ivory handle 1 00
" Combined pruning and budding, each 2 25
Knives.—Pruning, stag handle, crooked blade ..... $1.00 to 1 25
Knives.—Grass Edging, crescent shape 1 00
Labels.—Wood for pots, plain 4 in., per 100 15c.; per 1000 75
Labels.—Wood, for pots, plain 6 in., per 1000 $1.25; per 100 20
Labels.—Wood, for pots, painted, 4 in., per 100 15
Labels.—Wood, for pots, painted, 6 in., per 1000 $2.00; per 100 25
Labels.—Tree, Notched, 3½ in., per 1000 ..... 1 00
" " Copper Wired, 3½ in., per 1000 2 50
Lawn Sprinklers, 4-arm, revolving, each .. 8 00
" Champion, to stick in ground 85
" I.X.L. " " 1 25
" for end of hose, brass, 1 foot, each. 3 00
Mats.—Archangel, 4½ x 8½ ft., each 75
Needles.—For sewing grain bags, each 10
Netting, for the prevention of birds destroying fruit of all kinds, one pound will cover ten feet square. Per lb 3 00
Plant Stakes.—Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc. Per doz., 18 in., 25c.; 24 in., 35c.; 30 in., 50c.; 36 in., 65c.; 42 in., 75c.; 48 in. 10c. each; 60 in., 13c. each. Heavy for Dahlias, each 3 ft., 10c.; 4 ft., 13c.; 5 ft., 15c.; 6 ft., 20c.
Plant Stakes—Bamboo or Cane. 4 to 7 feet long, per 100 ..... 1 00
Pencils, Wolf's Indelible, each 15
Plant Boxes, price per 1000, $10.00; per 100 1 20
Strawberry Boxes, price per 1000, $4.50; per 100 50
Powder Duster of tin with perforated bottom 75
Powder Gun, round tin, each 25
Rakes.—Daisy for cleaning lawns, 22 teeth .. 2 50
" Garden, malleable iron, no handles, 10 teeth, 20c.; 12 teeth, 35c.; 14 teeth, 40c.
Rakes.—Garden, steel, with handles 60c. to .. 1 25
" Lawn, steel, each 1 00
Raffia.—The best tying material for plants, etc., 10 lbs. for $3; per lb 35
Sprinkler, The Goldman Plant.—Price, 40c. each, postpaid.
Sprinkler, Scollay's Rubber.—Indispensable for Floral work and Window Gardening, invaluable when once tried. Very useful for dampening clothes or sprinkling in any way. Beware of imitations, as this is the best. Prepaid by mail, $1.25; same style, medium, $1.00; small 75
Scollay's Putty Distributor, a new and useful tool, similar to the well-known Scollay's Sprinkler, with tube in place of spray, for applying liquid putty in glazing greenhouses, price 1 25

Scythes, Tysacks, English, $1.50 to $2 00
Saws, Heavy, for pruning, each 1 00
Scissors, Short and heavy for pruning 1 00
" French Secateurs 1 10
" Flower Gatherers, silver plated ... 2 00
" Grape Thinning, for thinning 1 00
Shears.—Hedge or Lawn, best imported, 8 in. 1 25
" " " " 9 in. 1 40
" Ladies', durable and useful for light work 1 00
Shears.—For Lawns, each 2 00
" Sheep for edgings 75
" Rose Pruning, 75c. to $1.50 per pair—the handiest shear for pruning Gooseberries, Roses, Currants, Vines, etc., doing better work that a knife.
Shears.—Grape Presenting, constructed similarly to the preceding, and used for the purpose of preventing the grape from being handled. Per pair 1 25
Shears.—English Lawn, improved by us, made of the best English steel, for trimming borders and corners about trees, shrubs and walls, each 6 00
Syringes, Brass.—The very finest goods in the market. Each syringe is supplied with one jet, a coarse and fine rose.
Syringes.—Ladies' 14 inches x 1 inch barrel, light, each 2 50
Syringes.—Gardeners', 16 x 1½ in. barrel, each 3 00
Syringes.—Greenhouse, 18 x 1½ in. barrel, heavy 3 50
Syringes.—Greenhouse, 18 x 1½ in. barrel, patent valve 4 00
Syringes.—Rose, knuckle jointed, can be used in any direction 7 50
Syringes, Brass.—Hydronette, throws water in stream or spray, 40 ft. from bucket. 7 00
Syringes.—New French Zinc, with brass spray 1 00
Thermometers, of glass, 30c. each; of wood, 40c. For hot-bed use, very handy, each 1 00
Trowels, Garden.—Light and handy 6 in., each 20
Trowels.—Polished steel, 7 in., each 30
Transplanter—The Avery. Just the thing for gardeners. It marks out a new era for transplanting, doing it better and quicker, saving plants and time enough to many times pay its cost. They are made in a first-class manner, with Polished Steel Blades. Plants removed by it do not wilt. The tool is a good one and every gardener should have it. Price—Small Single hand size, each 50c.; Large Two-hand size, $2.50.
Tree Scraper, for removing old bark 60
" **Pruners,** Waters' tree, 6 ft 2 00
Weeders.—Fork shape 30
" Hazeltines 30
" Noyes 30
" Excelsior, claw-shaped 25
" The Bee, 15c., (two for 25c.)
" Dock Spud, for lawns 60
" Spoon for weeding or tranplanting 50
Watering Cans, for Greenhouse or indoors, with movable brass rose, in three sizes, holding about one, two and three gallons: sold at $1.50, $2.00 and $2.50 each.
Verbena Pins.—Per box of one gross 50
Wheelbarrows.—Light, $3.00, heavier 4 00

FLORISTS' SUNDRIES

Pot Covers, imitation leather, handsome style, for 7 in. pot, each 15c.; per doz 1 50
Sexagon, fancy, for 7 in. pot, each 40c., per doz 4 00
Gilt, fancy, round, for 5 in. pot, each 30c.; per doz 2 75
Gilt, very neat, for 7 in. pot, each 35c.; per doz 3 50
Tin Foil, in long strips, 5 in. wide, per lb 15
Tooth Picks, 10c. per box; 3 boxes for 25c.
Match Sticks, per bundle 75

Wire annealed (Prices subject to change):—

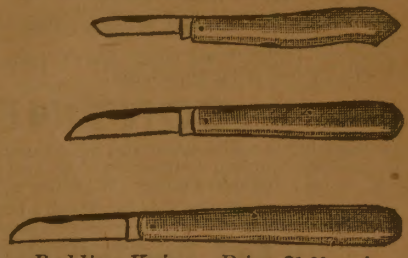
No. 24, per lb., 20c.; 12 lbs 1 75
No. 28, " 25c.; 12 lbs 2 50
No. 36, " 40c.; 12 lbs 4 00

ITALIAN PAPER BOUQUET HOLDERS

(With 12 Scallops)

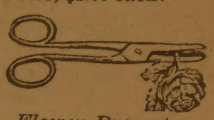
4 in., per half doz $0 25
5 in., " " 30
6 in., " " 40
7 in., " " 50

Pruning Knives.—Price, $1.00 to $1.25



Budding Knives.—Price, $1.00 each.

The Avery Transplanter.

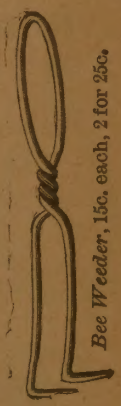


Flower Presenting Shears—Price, $1.00.

Grape Trimming Shears.—Price, $1.00.

Brass Garden Syringe (most convenient size). Price $3.50.

Goldman Plant Sprinkler. Price, 40c. each, postpaid.



Bee Weeder, 15c. each, 2 for 25c.

Half Moon Edging Knife, of the best manufacture. Each $1; with handle $1.15.

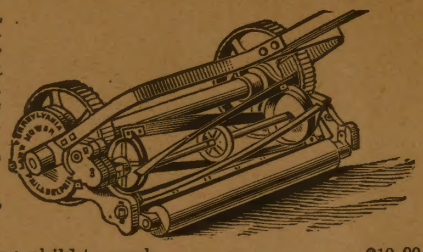
Border or Grass Shears.—Price $2.50. (A very handy implement).

The Pennsylvania Hand Lawn Mowers

THE LATEST IMPROVED, EASIEST RUNNING, AND HANDSOMEST MOWERS MADE.
CIRCULARS ON APPLICATION.

In buying the **Pennsylvania** you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile.

Each machine is warranted to work as represented.

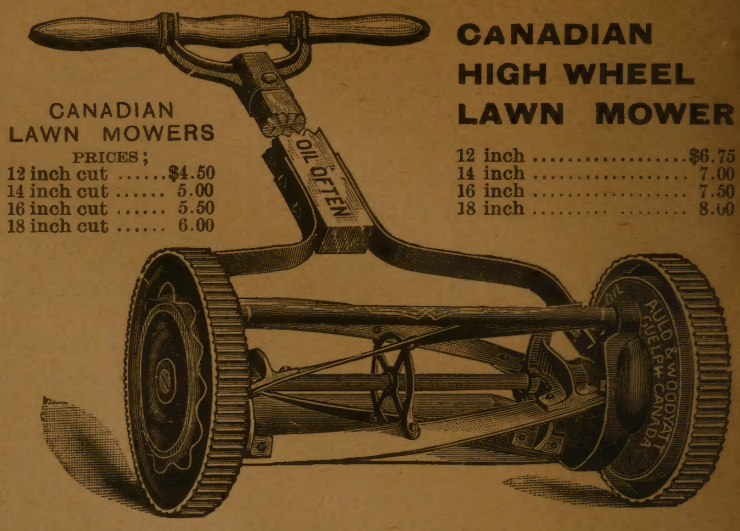


Prices of the Pennsylvania Lawn Mower:

10 inch, 8 inch driving wheel,	for a child to work		$10.00
12 " " " " "	lad "		12.00
14 " " " " "	lady "		14.00
16 " " " " "	man "		16.00
18 " " " " "	man "		18.00

The **Pennsylvania High Wheel** Lawn Mowers for cutting tall grass or rough grounds.

15 inch, 10½ inch driving wheel, $20; 17 inch, 10½ inch driving wheel, $22; 19 inch, 10½ inch driving wheel, $25.



CANADIAN LAWN MOWERS

PRICES;

12 inch cut	$4.50
14 inch cut	5.00
16 inch cut	5.50
18 inch cut	6.00

CANADIAN HIGH WHEEL LAWN MOWER

12 inch	$6.75
14 inch	7.00
16 inch	7.50
18 inch	8.00

CONTINENTAL LAWN MOWERS (CIRCULARS ON APPLICATION)

This machine is of the latest and most improved American pattern, and though higher in price, distances by long odds any Mower now in the market. It is the lightest running, swiftest cutting, and almost noiseless. The Cylinder Knives are solid cast steel, made by a patented process; are hardened and tempered in oil; self sharpening. We have no hesitation in recommending this machine as the "Very Best."

PRICE:—14 in,, $14.00; 16 in., $16.00; 18 in., $18.00. Special machines for high grass—15 in., $17.00; 17 in., $19.00.

PLANT PROTECTING CLOTH

Or Waterproof Fibre, specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frost, covering hot-beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass.

PRICES OF PROTECTING CLOTH

(Pieces contain about 50 yards.)

Heavy Grade, per yard, 15c.; by the piece, per yard, 14c.
Medium Grade (best for general purposes), per yd., 11c.; by piece, per yd., 10c.
Light Grade, per yard, 7c.; by piece, per yard, 6c.
(Samples and circular mailed on application.)

FLOWER STANDS

These we carry in stock of various shapes and sizes. 36 inches in diameter, 6 feet 3 inches high. Price $6.00 each. 42 inches in diameter, 6 feet 3 inches high. Price $6.50.

Rubber Plant Sprinklers (The Best in use)

No. 1, $1.25. No. 2, $1.25. No. 3, $1.00. No. 4, 75c.

Flower Vases.—Iron and Terra Cotta. Varying in price from $6 per pair to $50. Write for description.

CONCAVE SEED POTATO KNIFE

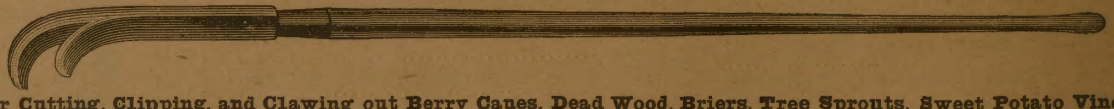
Price 35 cents, post paid.

LAWN ROLLERS

Wrought Iron Garden, Lawn and Field Rollers. These Rollers are all made of the best wrought iron. Price $14.00.

The Gibbs Lawn Rake.—Price $1.00. A splendid article for raking up dead leaves, or grass on lawns after being cut with a lawn mower or scythe.

Concave Trowel.—This handy Trowel was originally intended for digging plantains and other weeds from lawns, its slim blade, made strong by its angular form, being suited for prying and twisting; but it has also found great favor among the ladies as a flower cultivator for loosening the soil in pots, and among young plants for transplanting. The blade and shank are of one solid piece of best steel, set firmly in a nice handle. It serves every purpose of the old form of trowel. **Price 25 cents each.**



For Cutting, Clipping, and Clawing out Berry Canes, Dead Wood, Briers, Tree Sprouts, Sweet Potato Vines.

NOTE THIS.—*It Cuts and Removes by Push or Draw Motion.* With the Sharp-Spur all danger is avoided of pulling out by the roots, berry canes, etc., which so often happens with other *draw* hooks.

The handles and blade are about 4 feet long, and the entire weight is about 2 lbs.

This new tool commends itself to every Farmer and Gardener, and especially to Fruit Growers.

Forged of the best cutlery steel, tempered and warranted. **Price $1.50.**

EARTHENWARE FLOWER POTS, TREE POTS, SEED PANS AND HANGING BASKETS.

The measurement is from outside to outside. Packing charged extra when ordered to be shipped a distance from Toronto. Pots are carefully packed, but we do not assume any risk of breakage.

FLOWER POTS.			SAUCERS.		TREE POTS			SAUCERS.		ROUND SEED PANS.		HANGING BASKETS	
Size.	Price per doz	Price per 100	Price per doz	Price per 100	Size.	Price each.	Price per 100	Price each.	Price per 100	Size inches.	Price each.	Size—inches.	Price each.
Thumbs	$0 15	$1 00	.....	.....	2 galls.	$0 40	$35 00	$0 20	$18 00	.....	.....	Small	$0 15
½ Pints	25	2 00	$0 15	.....	3 "	50	40 00	25	22 00	.....	.....	Size 3	
Pints	40	3 00	25	.....	4 "	60	50 00	30	25 00	8	$0 15	Medium	25
Quarts	60	5 00	40	$2 25	6 "	1 00	.....	50	45 00	10	25	Size 2	
½ Gallons	1 00	8 00	50	3 50	8 "	1 50	.....	.....	.....	.....	.....	Large	40
Gallons	1 80	15 00	90	7 50	.....	.....	.....	.....	.....	.....	.....	Size 1	

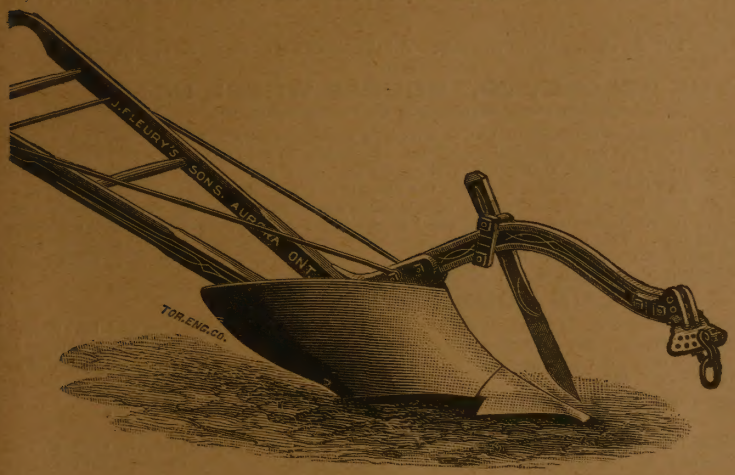
Special prices on application for larger quantities than those quoted.

Garden and Farm Implements

	Each
GRASS SCYTHES, Rivet Back and others	$0 75 to $1 40
CRADLE SCYTHES, all kinds and lengths	1 10 to 1 40
GRAIN CRADLES, all kinds	1 50
SCYTHE STONES	0 10 to 0 15
SCYTHE SNATHES	0 50 to 0 85
HAY RAKES, wire bow and wooden bow	1 10 to 1 25
HAY FORKS, 2 prong	0 40 to 0 60
" 3 "	0 60 to 0 80
STRAW FORKS, 3 prong	0 75 to 1 20
BARLEY FORKS, 4 "	1 00 to 1 50
" wood.	0 75
MANURE FORKS, 4 prong	0 85 to 1 20
MANURE FORKS, 5 prong	1 10 to 1 25
MANURE FORKS, 6 prong	$1 25 to $1 35
SPADING FORKS, 4 prong	1 00 to 1 20
POTATO FORKS, 4 prong	0 85 to 1 25
TURNIP HOES	0 55 to 0 70
FIELD HOES	0 35 to 0 65
THISTLE SPUDS	0 40
REAPING HOOKS	0 50
VEGETABLE SCOOPS	1 20
GRAIN SCOOPS	1 00 to 1 50
SPADES, in variety	0 75 to 1 50
SHOVELS, in variety	0 90 to 1 30
FORK AND HOE HANDLES, in variety	0 15 to 0 40

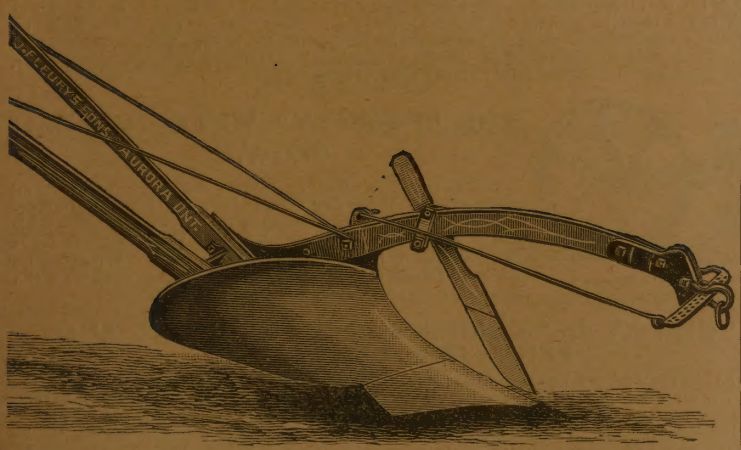
PLOW LINES, COTTON BAGS, LINEN BAGS, ETC.

SOD OR GENERAL PURPOSE PLOW.—No. 13



A general purpose plow, very light in draught. It gives particularly good satisfaction in summer fallow and stubble. Next greatest to the No. 21 in demand in Ontario, and in many places secures the whole trade. It is a growing favorite. Cuts a furrow 7 to 10 inches. Price, No. 13 Plow, Cash, **$12.00.** No. 1 Plow, Cash, **$12.00.**

ONE-HORSE PLOW.—No. 15. Unexcelled as a Garden Plow



A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow—light but strong. Price, Cash, **$10.00.**

We can supply the following desirable "Standard" Plows, manufactured near Toronto, of the best material (regardless of cost), by the Wilkinson Plow Co.

One-horse Plow, $10.00. No. 3 I.X.L., $13.50. No. 7, $14.00. No. 30, $13.50.

Fleury's Celebrated Root Pulper.

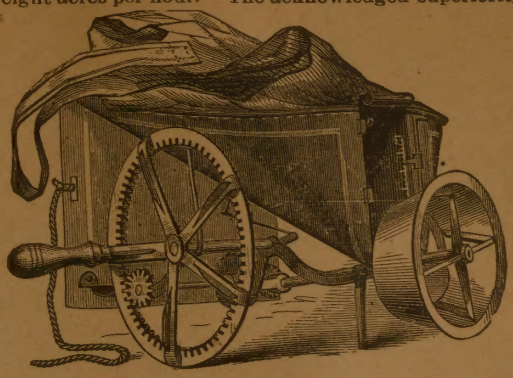
Best in the world. Price, $11.50.

EMPEROR POTATO DIGGER.

Price, $14.00. Rigged as digger and moulder.

Cahoon's Patent Broadcast Seed Sower

Will sow perfectly Wheat, Oats, Peas, Barley, Rye, Buckwheat, Grass Seed, etc. This machine, at a common walking gait, sows from four to eight acres per hour. The acknowledged superiority of this machine over all others has already placed it in the front rank of labor-saving implements. A saving of four-fifths of the labor and one-third of the seed used in hand-sowing is effected by using these machines. A person entirely unused to sowing by hand can use this Broadcast Seeder with perfect success. They are substantially built, and, with ordinary care, will last many years, and save their cost in less time than any other farm implement yet introduced.



Directions for using and gauging are furnished with each machine. **Price, $6.50.**

Broadcast Hand Seed Sower

Broadcast Hand Seed Sower.

This machine has no equal, doing **Perfect Work** in the easiest and simplest manner. It is strong and light, weighs 3 lbs. It will distribute o the round—Wheat 50 ft.; flax seed, clover and oats, 36 ft.; timothy, 27 ft.; and will sow 30 acres per day. We highly recommend this labor-saving machine.

Price, **$2.50**, by mail: postpaid, **$3.00.**

RELIABLE AND USEFUL

Garden and Greenhouse Pumps

Greenhouse Force Pump.

These pumps are intended for sprinkling lawns, gardens, greenhouses, or streets in front of houses, for washing windows, carriages, etc. They are double acting, and will throw a continuous stream 50 to 60 feet. We can safely recommend them as most serviceable and durable, particularly for large or middle-sized greenhouses, where hand syringes involve a great waste of time. **Aquarius**, complete, each $7. **Aquapult**, complete, each $7.

WROUGHT IRON HARROWS.—**Garden Harrows**, in two sections $12. **Farm Harrows**, in three sections, $16.

Improved Turnip Seed Drill

This Drill is claimed to be the best Horse Seed Drill in the market. The rollers are made of cast iron, and are hollowed to fit on the rows. They slide along the axle and will adjust themselves to any inequalities in the width of rows. Price, $14.

Improved Daisy Barrel Churn

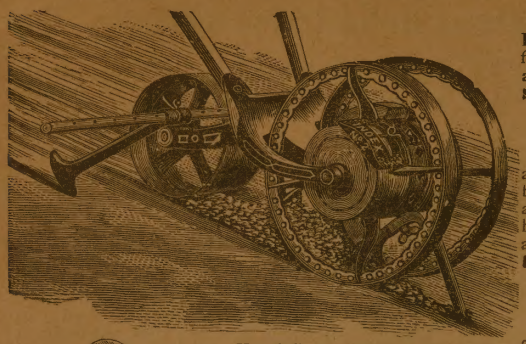
The Daisy Churn has become a popular favorite with the American farmers generally—the large creameries and scientific butter makers in particular. It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest Churn to clean that has ever been made. The inside is perfectly smooth.

No. 0—Seven Gallon Churn for one cow	$3.75
No. 1—Nine Gallon Churn, churns from 1 to 4 gallons	4.00
No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons	4.50
No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons	5.00
No. 4—Twenty-five Gallon Churn, churns from 1 to 12 gallons	6.25

CHAMPION CORN PLANTER

It will pay for itself in two days' use. Plants regularly, and the seed being always deposited in moist earth, comes up quicker. Simple, cheap and durable. Improved with a bolt through the connecting plates, making it the best and cheapest corn planter in the Dominion. **Price, $1.50.**

THE "PLANET JR." GARDEN IMPLEMENTS



The **"PLANET JR." GOODS** are widely and favorably known everywhere, the **Combined Planet Drill** being the most popular combined machine in the market. The entire line is well-made, handsomely finished, and their **Cultivators** are second to none in popularity. Toronto is a great distributing centre for these as well as other tools and we have supplied the **"Planet Jr." Goods** to numbers of gardens east and west. **Send for special full descriptive Catalogue; fifty illustrations.**

THE "PLANET JR." NO. 2 SEED DRILL

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row, all at one passage, in the most perfect and reliable manner. It holds 2½ quarts. It has no cams, levers, brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; it is remarkable for simplicity, strength, and for ease and perfection of work in the field. No one having use for a seed drill can afford to buy any other; it is the best. Truckers, market gardeners, onion growers, and all who raise vegetables in quantity, should supply themselves also with the "Planet Jr." Double Wheel Hoe. **Price, boxed, $9.**

No. 2 Seed Drill. Price $9.

THE "PLANET JR." COMBINED DRILL

Wheel Hoe, Cultivator, Rake and Plow.

This tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work; it is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2 (see description above) except in size. It holds one quart. For after care of the crop, it is supplied with a pair of rakes, a pair of long hoes, three reversible cultivator teeth and a large garden plow.

As a Rake, it is invaluable in preparing the garden for planting, and also for delicate after cultivation of the crop, and for covering seeds, etc., etc.

As a Hoe, it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to 16 inches wide at one passage.

As a Plow, it opens furrows, covers them, hills, plows to and from, etc.

As a Cultivator, it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel.

Price, boxed, $12.

Planet Jr. Double Wheel Hoe. Price $8.00.

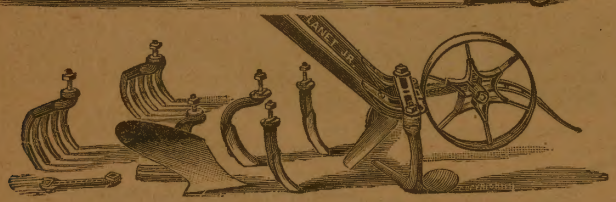
THE "PLANET JR." DOUBLE WHEEL HOE

Cultivator, Rake and Plow Combined.

This popular hoe stands completely unrivalled; it is simple, strong and complete, and merits the thorough admiration of every practical gardener. Each tool is sent out with a pair of rakes, a pair of hoes, two pair of reversible cultivator teeth, and a pair of plows. The wheels are adjustable in height, and the arch is high enough to enable the operator to work both sides of the row at once until plants are over 18 inches high, then the wheels can be set to run close together, and the tool used between the rows. Leaf guards (detachable) go with each machine to be used when plants extend into a wide row. This tool is light, very simple, very strong, made of the best material and highly finished, and nothing exceeds the perfection and variety of work it performs. It will do the work of six men with ordinary hand hoes. **Price, boxed, $8.**

PLAIN DOUBLE WHEEL HOE.

To meet demand from some sections, the "Planet Junior" Double Wheel Hoe will be offered with only one pair of Hoes, and without leaf guards, as the "Planet Junior" Plain Double Wheel Hoe. This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing. **Price, boxed, $4.50.**



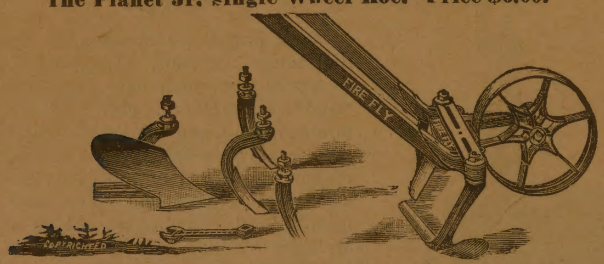
The Planet Jr. Single Wheel Hoe. Price $6.00.

THE "PLANET JUNIOR" SINGLE WHEEL HOE.

Cultivator, Rake and Plow Combined.

In remodelling this tool, care has been taken to combine lightness, great strength, variety and adjustability of tools. It has one pair of garden rakes, one pair of long hoes, one set of reversible cultivator teeth, a large garden plough, and a leaf guard. All the blades are tempered and polished steel.

The form of the hoes insures a forward slanting cut next to the plant, and consequent close work without danger, and at the same time thorough cultivation of the soil. The rakes and cultivator teeth, in combination, with the hoes and plow, enable the operator to perform almost every variety of work, either in the field or garden. A leaf guard (detachable) is very useful in late hoeing. All rows from 6 to 8 inches apart can be perfectly hoed at one passage. The frame allows every desirable adjustment, is quickly raised or lowered, to regulate depth, and the wheel can be attached centrally or at one side of the machine, giving the operator the important advantage of hoeing both sides of the row at one passage when desired. **Price, boxed, $6.00.**



The "Fire-Fly" Single Wheel Hoe. Price $5.00.

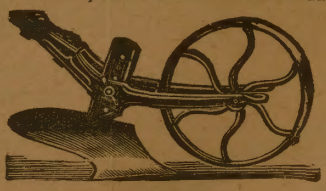
THE "FIRE-FLY" SINGLE WHEEL HOE.

Cultivator and Plow combined.

This convenient tool combines lightness and strengh with great adjustability, it is highly polished, and of the best tempered steel. The tools are: First, a pair of admirable hoes, which can be set to work to and from the row, and to any desired depth. Next, a set of three reversible cultivator teeth, to be used together or singly, or in conjunction with the hoes. Third, an excellent garden plow. The whole tool is light and strong, and capable of standing hard usage for years, while the price is its final recommendation. **Price, boxed, $5.00.**

"Planet Jr." Combined Hill Dropping and Fertilizer Drill.

PRICE $18.00



The "Fire-Fly" Wheel Garden Plow.

THE "FIRE-FLY" WHEEL GARDEN PLOW.

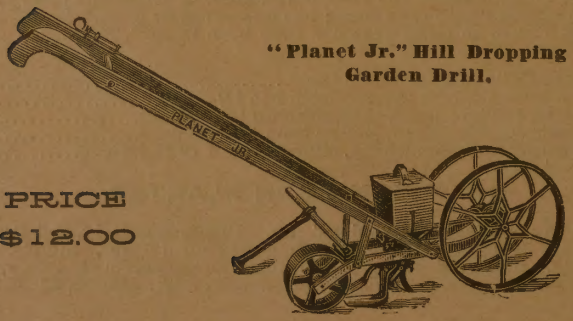
Makes the care of a vegetable garden a pleasure, and those who could not find time to keep a garden, if attempting cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly." It takes the place of the horse and plow, or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season. **Price $2.50.**

THE "PLANET JR." COMBINED HILL DROPPING AND FERTILIZER DRILL.

This tool has already proved its great usefulness. The fertilizer hopper holds one peck. The fertilizer can be sown in any quantity necessary: either above or below the seed as desired, by setting that plow deeper or shallower than the other. The drills may be satisfactorily used also to sow either seed or fertilizer alone. The amount sown is regulated accurately by the dials, and the discharge of both may be stopped and started instantly, either separately or together, thus avoiding all loss at the ends of the row. Like the plain Hill Dropping Drill, it does not sow when drawn backward, and can be quickly thrown entirely out of gear. This machine will be a great boon to all farmers and market gardeners. It is thoroughly well made and guaranteed to do satisfactory work. **Weight, packed, 60 lbs., $18.00.**

"Planet Jr." Hill Dropping Garden Drill.

PRICE $12.00

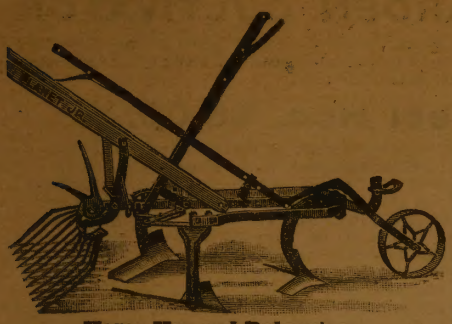


"PLANET JR." HILL DROPPING GARDEN DRILL

This is the latest and best of the "Planet Jr." family. It holds two quarts, and sows all kinds of garden seeds, with the greatest regularity. The plow runs any depth from one-eighth to two inches. It sows in drills as well as the No. 2 Drill, and will also drop in neat hills either four, six, eight or twelve inches apart. It can be changed from a hill to a drill dropping machine or the reverse, or can be thrown in or out of gear in a moment, and will not sow when run backwards. The discharge of the seed can be stopped instantly at the end of the row, so that none need be wasted. The Opening Plow and Coverer are specially adapted for the work they have to do, while the marker can be set at any distaace desired up to twenty inches. The ability to drop in hills is a great advantage, as it saves considerable seed, insures vigorous plants at even distances, and saves much hand labor in thinning out.

This machine is thoroughly well made and the best tool on the market **Price $12.00.**

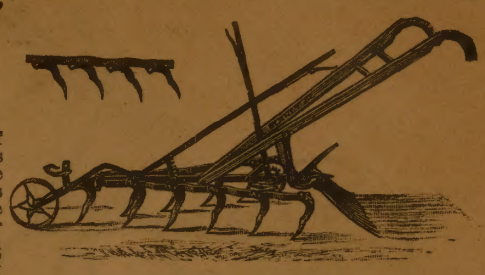
Extra attachment for sowing onion seed for sets in a band four inches wide. **50c.**



Horse Hoe and Pulverizer.
Price complete, $12.50.
Without Pulverizer, $10.50.

"Planet Jr." Market Gardeners' Horse Hoe, Pulverizer and Cultivator Combined.

An admirable tool for very fine close level culture of market garden and field crops. A 12-inch sweep, two hoes cutting 10 inches each, and 25-inch Pulverizer. At a single passage it works all rows from 18 to 32 inches. The Hoes may be exchanged from one side to the other, and the Pulverizer may be reduced to narrow rows. The '92 Lever Wheel is easily and quickly adjusted to give any depth required. It is precisely what is wanted for the work of the market garden. The flat sweeps and slender hoes pass easily beneath the surface, cutting off all weeds and grass, and leaving the ground almost exactly where it was before, and the Pulverizer then reduces the surface to the finest condition, and completely destroys all weed growth. **Weight, packed, 55 lbs.**



"Planet Jr." Eleven Tooth Harrow.
Cultivator and Pulverizer Combined.
Price, $12.50.

PLANET Jr. HORSE HOE AND CULTIVATOR

The new lever expander is attached to all of these tools this year. By it the width may be changed in any degree from the narrowest to the widest cut, or one side may be open and the other closed at the same time, all this without stopping or using wrench or set screws. The lever can also be readily used while the horse is in motion. NEW SIDE ADJUSTMENT FOR THE HANDLES, the makers claim much for this new feature, by it the handles may be set over to one side or the other by loosening a single bolt, enabling the farmer to walk either side of centre ridge when making such, and to avoid catching or breaking down corn, hops, pole beans, grapes, and saving the clothes and hands while working blackberries, raspberries or nursery stock. A simple and long needed improvement.

Price with wheel and all improvements, as shown in illustration, **$12.00.** Send for Catalogue for full list of all extras and all Planet Jr. goods.

THE NEW MODEL SEED DRILL

One of the best and cheapest drills in the market. Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which of course do not always give an opening of the exact size required. The operator is usually told, in substance, that, if one hole don't suit, try another. **This adjustment** in the **Model,** is accomplished in a very simple and effective manner by use of a slide with a pear shaped opening passing under the bottom of the seed reservoir, which is provided with a perforation of similiar shape, in a reversed position. This slide can be instantly adjusted to size indicated by **Index**, or to a hair's breadth variation between, a vital point in a perfect seed drill. This Index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the Index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on handles. The main wheel is of larger size and of unusual width, preventing it sinking into soft earth. The opening plow is steel and adjustable in depth.

Each Drill crated and carefully packed for shipment. Packed weight, about 40 lbs. Price, $9.00.

We are sole agents for this unsurpassed Drill, and can fill orders promptly at all seasons of the year.

OPENING PLOW.—Is of *steel*, adjustable in depth.

THE "IRON AGE" HORSE HOE

Shown with Wheel and Cultivator Combination.

By the application of our **Horse Hoe Attachment** to the **"Iron Age,"** with, as some prefer, a sweep in rear, it is transformed into an unrivalled tool for ploughing and hilling cotton, corn, tobacco and "truck," doing almost the entire work without the use of plow or hand hoe.

The side hoes or plows are reversible, giving double wear, while the standards have several adjustments, thus hilling the crop much or little, as desired.

This adjustability is an imporant feature in suiting the tool to various soils as well as crops.

If required to throw *from the crop*, the standards are changed to opposite sides—the work of a few moments. In this position they are adapted to covering purposes.

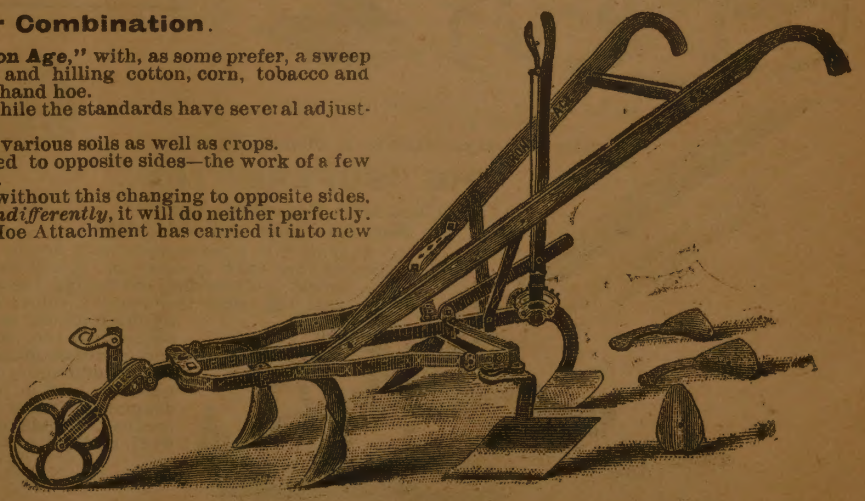
It has been attempted by some to turn to and from the crop without this changing to opposite sides, but the invariable result is that while the tool accomplishes both *indifferently*, it will do neither perfectly.

Valuable as is the plain "Iron Age" Cultivator, the Horse Hoe Attachment has carried it into new and enlarged fields of usefulness.

We guarantee perfect satisfaction to all purchasing the **Iron Age Horse Hoe Attachment.**

The machine is shown in above cut with Horse Hoe Attachment *and sweep*; as in some sections our 69 Point is preferred to the Sweep, we are prepared to furnish it either way, as ordered.

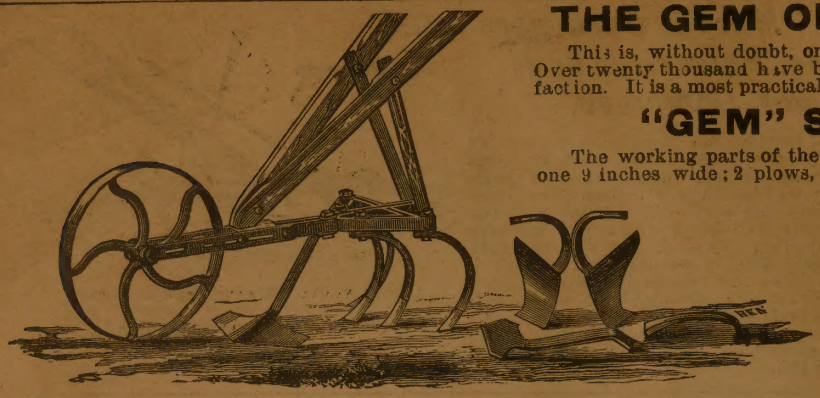
The term "Horse Hoe Attachment" includes the two side plows with standard, and does not embrace the Sweep. We desire to call particular attention to this point, as in some cases our customers have been misled In ordering the "Horse Hoe Attachment," if the Sweep is desired it should be ordered as a separate part; while in ordering the "Horse Hoe Complete," or "Horse Hoe and Cultivator Combined" (as in a above cut), if nothing is specified in regard to the Sweep, we take it for granted that the Sweep is desired and so send it.



Price $9.00

THE GEM OF THE GARDEN CULTIVATOR

This is, without doubt, one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold since they were introduced, and all have given best satisfaction. It is a most practical tool and made of best material only.



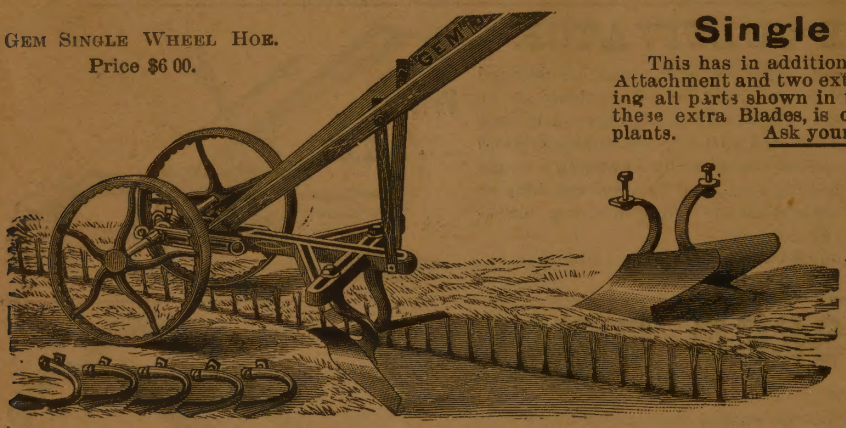
GEM SINGLE WHEEL HOE.
Price $6 00.

"GEM" Single Wheel Hoe, $6.00.

The working parts of the Single Wheel "Gem" are: 2 Scuffle or Cutting blades, one 4½ and one 9 inches wide; 2 plows, right and left hand; 5 Stirring teeth; all made of best steel. The wheels and handles of the "GEM" are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. The Scuffle Hoe makes a clean cut, and is followed by the teeth—five or less—which thoroughly pulverize the soil, and drag out and expose to the sun the roots of the weeds cut by the hoes. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid the "dodging," so common to tools of this kind. Price of single wheel machine with all parts, $6.00, f. o. b. cars or at express office.

No. 2 "GEM" Double and Single Wheel Hoe Combined, $8.00

This has in addition to the Single Wheel Machine sold at $6.00, the Double Wheel Attachment and two extra Steel Blades which we furnish with the Single Wheel, including all parts shown in the engraving, for $3.00. The Double Wheel Attachment, with these extra Blades, is of great service, working both sides of the rows among young plants. Ask your dealer for the "Gem of the Garden," and take no other.



GEM DOUBLE WHEEL HOE. Price $8.00

The "JEWEL" Single Wheel Hoe.

CULTIVATOR AND PLOW COMBINED.

Like the Double Wheel "Jewel," this tool is constructed entirely, with exception of wheel and handle, of malleable iron and steel. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes of six and nine inches in length; as a cultivator, with four steel teeth: or as a large sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made. Price complete, $6.00.

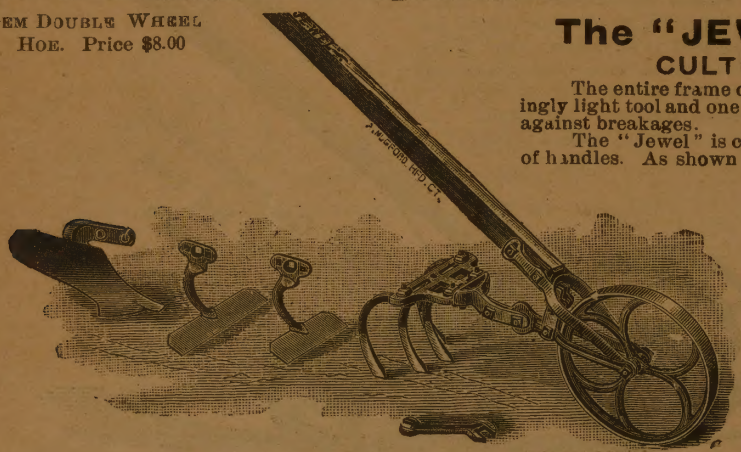
The "JEWEL" Double Wheel Hoe.

CULTIVATOR AND PLOW COMBINED.

The entire frame of the "Jewel" Hoe is made of the best malleable iron, making an exceedingly light tool and one pleasant to handle, at the same time giving an almost absolute security against breakages.

The "Jewel" is capable of being quickly adjusted in depth or width of working or height of handles. As shown in the cut it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of side hoes, particularly intended for use among small plants; also a pair of plows for throwing to or from the row, or for opening furrows. The standards of these hoes and plows are of malleable and wrought iron—no cast iron.

The "Jewel" Double Wheel Hoes are carefully made, handsomely finished, and weigh but 22 lbs. each, complete. Price $7.00.



JEWEL SINGLE WHEEL HOE.
Price, complete, $6.00.
Weighs, complete, but 15 lbs.

The "JEWEL" Wheel Plow.

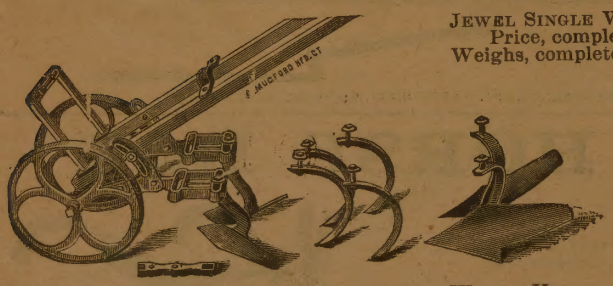
Malleable Iron Frame, Light and Strong.

Price $3.00.

We offer it in its full combination; as a scuffle hoe, with two hoes; or wheel plow only, as shown herewith.

We would call the attention of onion growers, particularly to the Single Wheel "Jewel" as being especially adapted to their needs. As a Wheel Garden Plow, we are confident none can be found to excel or equal it.

We are Sole Agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.



THE "JEWEL" DOUBLE WHEEL HOE.
Price $7.00.

The Old Style Hoe is a Thing of the Past.

THE "SUPERB" HOE.

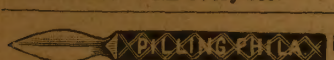
A Triangular, Concaved, Toothed Hoe, for Field or Garden Use.

It is all Hoe, always right side down. Neat, light, effectual, and easy to operate. It will do any kind of work; pulverizing and raking the soil with the teeth; cutting and scraping with the straight sides; hard digging, opening furrows, thinning plants and removing weeds without stopping, with the curved trowel point. The teeth being wedge-shaped—like a hammer claw—enter the ground more easily than a straight edge; do not clog, and in hoeing, the weeds and grass are dragged by them to the surface. A first-class tree scraper. Blade of best hoe steel, tempered all over, and fully warranted. Price 90c. each.

Poultry Caponizers

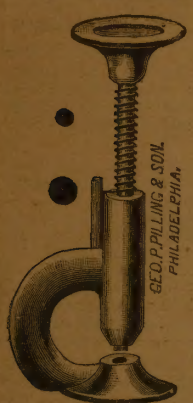
Poultrymen can double their profits by Caponizing their chicks. The operation is very simple—the instructions so full and explicit that any man, woman or child, after a careful reading, will be able to perform the operation. It is highly successful from every point of view. The demand for Capons far exceeds the supply, the price per pound being twice as much as for ordinary chicks. The object of Caponizing is to largely increase the weight of fowl causing them, in many cases, to grow as large as turkeys and weighing from 10 to 15 pounds, to make the meat a finer and sweeter flavor and very juicy and tender. AGAIN CAPONS ARE WORTH $1.00 TO $1.50 MORE THAN COCKS NOT CAPONIZED. They are much quieter in disposition. A cock in chasing around the yard will run off flesh almost as fast as put on. In the more quiet Capon the same amount of food goes to make flesh, bone and profit. With the proper instruments Caponizing is a simple lesson, wholly mastered by a few moments study. Fully realizing the necessity of having proper instruments we have arranged with instrument manufacturers.

Set of instruments complete with instructions, **$2.50**. In Velvet-lined case as per engraving, **$2.75**. We send book, "COMPLETE GUIDE FOR CAPONIZING" with every set.



French Poultry Killing Knife

Every poultry raiser should have one of our killing knives. They are made of finely tempered instrument steel, with nickeled handle ; will last a life time. It will be one of the best investments you ever made. Sent postpaid on receipt of 50c. Don't wait. Send for one now. Sent securely packed, by mail, on receipt of price.



The Philadelphia Poultry Marker

Do you keep a record of chickens? The different breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker, as over 200 different marks can be made by punching web between toes, for instance—between first and second toe of right foot can mean Wyandotte or Plymouth Rock ; between second and third toe, White Leghorn or Lanshan, so that hundreds of private marks can be made, not only to keep records, but by your private marks you can secure yourself from the chicken thief. They are well made with steel spring and cutter, nicely nickel-plated. Made in two sizes. Sent postpaid on receipt of price, 30c. each.

MILKING TUBES

FOR SORE AND OBSTRUCTED TEATS AND HARD MILKING COWS

DIRECTIONS.—The long rounded end of the tube is inserted in the orifice of teat, when the milk will flow without the use of the hands. It is best to wet the tube with a drop of milk or water before using. Remove tube when milk ceases to flow. If in some cases the obstruction is further up the teat than can be passed by the regular length you should have a longer tube, and as it can be made any length answers for all purposes.

For the use of Veterinary Surgeons and special cases longer sizes are made, and can be lengthened by moving the adjustable slide ; can also be used for a probe to pass the obstruction. The tubes are made of coin silver.

PRICES :

Set of Four Tubes, 1¼ inch.	$2.00	3¼ inches each	$0.95
Each	0.50	3¾ inches each	1.10
		4¼ inches each	1.25
SPECIAL LENGTHS			
2¼ inches each	0.65	Longer tubes in proportion.	
2¾ inches each	0.80		

WINTER AND SPRING FLOWERING BULBS FOR FALL PLANTING

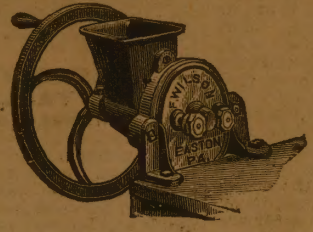
Our Annual Illustrated Catalogue of Dutch Bulbs for Fall Planting will be published early in September, and mailed free to all applicants. The list will include the finest varieties of Hyacinths, Tulips, Crocuses, Narcissus, and all other Fall Planting Bulbs.

WILSON'S GRINDING MILLS

These mills are a complete success for grinding small quantities of corn, bones or shells for poultry. They are made in different sizes, but the following are the most popular with farmers, gardeners and private gentlemen having a few fowls. Larger mills furnished at proportionate prices.

THE LITTLE GIANT MILL

This mill is specially adapted for grinding dry bones, shells or grain for poultry. It will grind the whole jaw bone of a horse in about three minutes; the leg bone of a beef (eight inches long and two inches in diameter, by



LITTLE GIANT MILL.

FAMILY GRIST MILL NO. 0

being once split lengthwise) in two minutes if the bones are thoroughly dried. This mill will crack about a peck of corn in 20 minutes. If it is desired to grind the corn very fine, it should run through the mill twice. A sample of oyster shells ground or corn cracked with the Little Giant Mill, will be sent free by mail for ten cents.

Price (without legs) $6.00. **Price (with legs) $7.50.**

FAMILY GRIST MILL No. 0.

This mill is especially made for grinding Graham flower or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weight 30 lbs.

Price (without legs) $6.00. **Price (with legs) $7.50.**

HAND GREEN BONE MILL

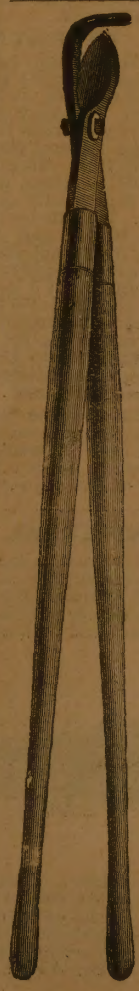
This mill is made for grinding green bones as they come from the butcher. The grinders are made quite sharp, and will grind fresh bones very small for poultry. Capacity, ½ pound per minute. Weight, without legs, 45 pounds.

Price (without legs) $15.00. **Price (with legs) $20.00.**

The "SYLVAN" PRUNING SHEARS

WITH PATENTED GUARD HOOK.

The SYLVAN Shears are made of best cutlery steel, well tempered and warranted. **Price, $2.00.**



THE "SYLVAN" PRUNING SHEARS.

Makes Hens Lay when Eggs are high-priced.

RUST'S EGG PRODUCER
THE HEN PERSUADER
TRADE MARK

RUST'S EGG PRODUCER

A scientific combination of substances, which, when assimilated by fowls, produce **eggs, plumage, growth and development**, exactly as certain foods produce milk in cows, or fertilizers increase crops.

It contains, in addition, valuable tonics and remedial agents which insure **perfect assimilation** and robust health, without which the best results cannot be obtained. **It makes hens lay in summer and winter.** The best egg producer in the market. On each package are full directions and important hints about getting eggs in winter. Price, 1 lb. package, 30c. ; by mail, 35c. ; 2½ lb. package, 60c. ; by mail, 70c. ; 10 lb. box, $1.75.

RUST'S HAVENS' CONDITION POWDER. The only positive preventative and cure for Gapes and Poultry Cholera, and the best medicine for Horses, Cattle, Poultry, Sheep and Hogs. We warrant Havens' Climax Condition Powder to be free from Antimony, Arsenic, Alum, Rosin, Saltpetre, and all harmful ingredients, and to be entirely unlike any other preparation. Liberal packages, weighing 14 ounces, 30c. ; postpaid, 35c. Try it once and you will always use it.

CRUSHED OYSTER SHELLS. This is a most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer, when left to run at large, they can find their own shell making material, but when everything is frozen or covered with snow, they must be helped out if eggs are wanted. 5 lbs., 15c. ; 25 lb. bag, 60c. ; 100 lbs., $2 200 lbs., $3.

GRANULATED POULTRY BONE. Is about the size of wheat and can be fed like any other food in grain, about one handful for every five fowls daily, or every other day. 5 lbs., 25c. ; 100 lbs., $3.50 ; 200 lb. bags, $6

SIMMERS' CELEBRATED STANDARD FERTILIZERS

FEED YOUR SOIL AND IT WILL FEED YOU

POTATO MANURE

Our Potato Manure contains all the elements required for an average yield, and at the same time supplies them in forms best suited to the potato crop; and potatoes grown on it are invariably good, being smooth and fair without, and mealy and pure within. Moreover, they are less likely to rot than those raised on stable manure, because the Fertilizer is more soluble, producing a quicker growth; and besides there is no decaying organic matter present, as in the case of stable manure, to foster the growth of germs which appear as rot, rust or blight.

Application.—May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows, mix as thoroughly as possible in any manner which best commends itself, with plow, brush, chain, etc. Use three sacks and upwards per acre on ordinary land. Price, per lb., 10c.; 10 lbs., 50c.; 100 lbs., $2.25; 200 lbs., $4.25; per ton, $40—discount of 5 per cent. for cash on orders of one-half ton and over.

"SURE GROWTH" FERTILIZER

For Grain, Grass, Vegetables and Grapes, etc.

It is a general Fertilizer for all soils and crops, and has always proven to be the very best Fertilizer in the market for all kinds of grain, root, grass, grapes and garden crops. It is made of the very best materials that can be used in the manufacture of Fertilizers, and has for its basis bone, blood and potash.

It is not a stimulant, but adds permanent value to the land; is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. Not only does it give the growing crop a vigorous start, but it will greatly increase the yield and give more perfect grain. Price, per lb., 10c.; 10 lbs., 50c.; 100 lbs., $2.25; 200 lb. sack, $4.25; per ton, $40—discount of 5 per cent. for cash on orders of one-half ton and over.

BONE AND POTASH FERTILIZER

It is unnecessary to speak of the value of Bone, for it has been used from time immemorial upon all sorts of crops, but none more so than fruit trees, grape vines and all kinds of small fruits. It has been taken out of the soil by animals, and it is one of nature's ways of recuperating the soil by returning it. For that reason those who think they had rather have bone ought also to have it combined with potash, since potash is fully as essential as bone. Price, per lb.. 10c.; 10 lbs., 50c.; 100 lbs., $2.25; 200 lbs., $4.25; per ton, $40—discount of 5 per cent. for cash on orders of one-half ton and over.

PURE GROUND BONE FERTILIZER

We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. It is, however, under all circumstances and for all crops an excellent Fertilizer, but does not give as quick results as our Sure Growth, Bone and Potash, or Potato Manure. Per lb., 10c.; 10 lbs., 50c.; 100 lbs., $2.25; 200 lbs., $4.25; per ton, $40—discount of 5 per cent. for cash on orders of one-half ton and over.

DISSOLVED BONE FERTILIZER

This bone is treated with sulphuric acid only in sufficient quantity to break it down finely and make it quickly acting. Admirably adapted for Cabbage seed and plants. Perfectly safe for use around all young plants. An improvement on the *finest* bone-meal for all plants. Excellent for preparation of home-mixed fertilizers, improvement of composts, etc., etc. Price, per lb., 10c.; 10 lbs., 50c.; 100 lbs., $2.25; 200 lbs., $3.90; per ton, $38—discount of 5 per cent. for cash on orders of one-half ton and over.

OUR CELERY AND EARLY VEGETABLE MANURE

The **introduction** of this new brand of **high grade** fertilizer which is especially adapted for truck gardeners and plant growers. It is manufactured from the **best pure high grade** materials and is very soluble, being readily dissolved in water and can be used in the watering can. For green house and hot-bed purposes it is unsurpassed, the plant food being immediately available. Insuring quick growth, fine flavor and early maturity. Can safely be used with or without Stable Manure.

It has been used on Celery planted on very poor ground, producing remarkable results, by dissolving a tablespoonful to a gallon of water, applying it twice per week (keep well stirred while applying). It can also be used on Celery, by mixing ½ to ⅔ gypsum. Scatter between the rows and hoe or rake thoroughly with the earth. It is not equalled for producing rapid growth in plants. Price, per lb., 10c.; 10 lbs., 50c.; 100 lbs., $2.50; 200 lbs., $4.50; per ton, $52—discount of 5 per cent. for cash on orders of one-half ton or over.

HORN SHAVINGS

For Grapevines, Horn Shavings are very valuable. Two to four pounds per vine mixed with the soil at the root will show material difference in the growth of the vine as well as in the fruiting. Per 100 lbs, $2; ton, $30.

FARMERS' PRIDE AND ANIMAL FERTILIZER

This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit, and a general crop raiser. In sacks weighing 200 lbs., each bearing our guaranteed analysis. Price, per lb., 10c.; 10 lbs., 50c.; 100 lbs., $1.75; 200 lb. sack, $3.50; per ton, $30—discount of 5 per cent. for cash on orders of one-half ton and over.

NITRATE OF SODA

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder, corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land. It is the best of all substitutes for stable manure. It will pay you to purchase "Talks on Manures," by Joseph Harris (a standard authority), and figure results out for yourself. Nitrate of Soda, price, per lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., $1 25; 50 lbs., $2.00; 100 lbs., $3.50.

Quantity required.—Being extremely soluble it should not be applied until the plants are above ground, when 100 to 150 lbs. per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used.

GUANO, Genuine Peruvian.—A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price per lb. 10c.; by mail, postpaid, 15c.; 100 lbs. $5.

SIMMERS' FLOWER, LAWN AND PARK DRESSING.—This preparation consists of the lawn top-dressing, full strength. It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing, scatter broadcast over lawns, grass, etc. It is in no sense a stimulant, but a complete manure containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by the hot sun or drought. It is worth all it costs, if only for the rich color it imparts to the grass.

Price of 5 lb. pkg. sufficient for 75 square yds..	$ 50		
" 10 " " 120	"	..	75
" 25 " " 400	"	..	1 50

LAND PLASTER OR GYPSUM.—Used by many potato growers. This is excellent to mix with Paris Green, at the rate of 100 lbs. of Plaster to 1 lb. of Paris Green. Per bbl., $1.75; per 100 lbs., $1.00.

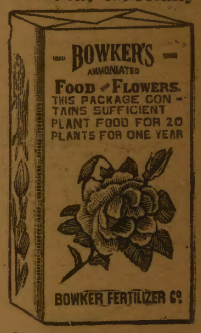
LAND SALT. Per sack, $1.25.

FOOD FOR FLOWERS or PLANT FOOD

A Fertilizer Soluble in Water, Free from Odor and Clean to Handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water and producing healthy plants, **free from vermin,** with early and abundant blossoms, to which it imparts luxuriant growth and rich and brilliant colors.

This plant food has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser, and has produced great gratification by the surprisingly pleasing results in consequence of its having been applied according to directions which accompany each package sent out. Price, **No. 1 regular sized package,** is sufficient for 20 plants for **one year, 35 cents.** Sent by mail, postage prepaid, on receipt of price. **No. 2 package** is sufficient for 20 plants for **three months, 25 cents.** Sent by mail, postage prepaid, on receipt of price.



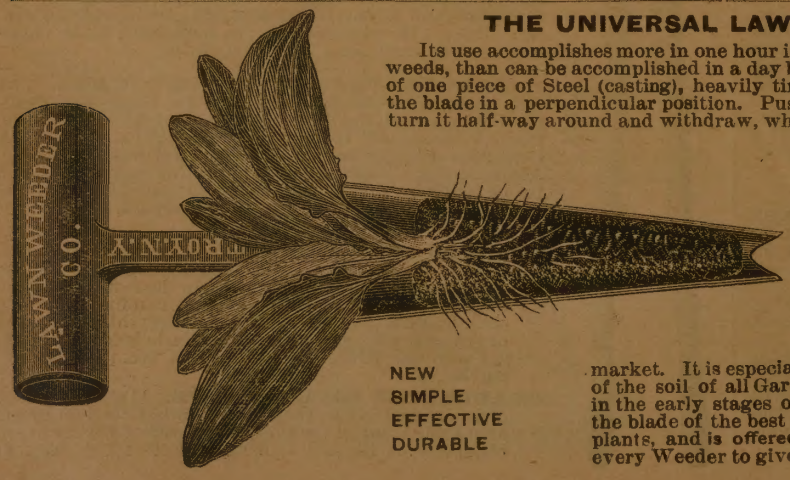
The packages for sending by mail are neatly and strongly put up and convey the contents with safety. Price in bulk, 4 lbs., 60c.; by mail (postpaid), 80c.; 5 lbs. 75c.; by mail (postpaid), 95c.; 10 lbs., $1.25., per express.

PREPARED LEAF MOULD. Finding that many of our customers in the city were unable to procure suitable mould for their garden and pot plants, we have prepared a judicious preparation of well enriched soil in proper proportion of fertilizer, for potting plants. We can highly recommend our Prepared Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb. sacks, and can be supplied at all seasons of the year. Per 25 lbs., 35c.; 50 lbs., 55c.; 100 lbs., $1.

TALKS ON MANURE.—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, $1.75, postpaid.

FERTILIZERS, a New Edition, where to get formulas for various crops, how to apply. By J. J. H. Gregory, paper. Price, 40 cents, postpaid.

THE UNIVERSAL LAWN-KEEPER



Its use accomplishes more in one hour in keeping lawns free from weeds, than can be accomplished in a day by any other means. Made of one piece of Steel (casting), heavily tinned. When using, hold the blade in a perpendicular position. Push it down beside the root, turn it half-way around and withdraw, when the blade will contain the root with all its fibrous shoots, as shown in cut. Never sharpen any part. Price, 35c. each, postpaid.

COMBINATION WEEDER

The Latest. The Simplest. The Best.
Equalled by None. Superior to All.
THE COMBINATION WEEDER.

Combining, as it does, both the rake and hoe, it is the most serviceable, durable and the most perfect Weeder on the market. It is especially adapted to cutting Weeds and Grass, shallow cultivation, and stirring of the soil of all Garden Crops, Flower Beds and Nursery Stock that require hand cultivation in the early stages of growth. It is neatly and strongly made of malleable iron (tinned) and the blade of the best spring steel sharpened on both edges, which allows weeding close to the plants, and **is offered at the same price as other Weeders.** The manufacturers guarantee every Weeder to give satisfaction to the purchaser, or refund the price paid, 30c.

SIMMERS'

'Toronto Parks' Lawn Grass Seed

FOR CROQUET, LAWN TENNIS and CRICKET GROUNDS.

Our Own Mixture of Perennial Grasses. Price, 30c. per lb.

SPRING being the most favorable time for sowing lawn grass seed, we would advise every person intending to sow a piece of ground for a lawn to have it in good time richly manured and carefully dug, levelled and raked, and after procuring a proper mixture of such grasses as we offer, for the purpose of producing a good lawn, sow the same rather thick, carefully and evenly on a calm day. The sower should be provided with boards strapped to his boots to prevent his feet from sinking into the ground and producing holes. The sowing should be commenced on one end of the ground and the seed be gently raked into the ground as it is sown. To protect the fine germ of the grasses from the rays of the sun in spring and summer following, it is advisable to mix a moderate quantity of rye among it when sowing the grass seed. As the rye grows much more vigorously than the grass seed, it has to be cut frequently, and as soon as it is about six inches in height; it should never be allowed to grow above this height. In the autumn the rye will perish of itself, leaving only the perennial grasses, which by that time will have gained sufficient strength to do without protection, excepting, perhaps, a slight covering of litter during the winter. Care should be taken to prevent any one passing over or using the ground the first year, and until it is sufficiently settled.

The Lawn Grass seed we offer is a judicious mixture of the most hardy and desirable kinds. The quantity required for an acre is from 30 to 50 lbs.; or for renovating old lands 20 to 30 lbs.

A beautiful lawn, with its close velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment. Second only to that prime requisite, GOOD SEED, is time of sowing, quantity to use, preparation of soil, etc.

TO GRASS A BANK OR TERRACE.—For each square rod, take a pound of Lawn Grass Seed and mix it thoroughly with six cubic feet of good dry garden loam. Place in a tub, and add liquid manure diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and as thin as possible.

White Dutch Clover for mixing with Lawn Grass Seed. Per lb. 30c.

TORONTO PARKS MIXTURE, Finest quality. Per lb. 30c., 5 lbs. $1.40, 10 lbs. $2.60, 25 lbs. $6.25, 50 lbs. $12, 100 lbs. $23.

BLUE GRASS, Extra Clean. Per lb. 15c., bush. (14 lbs.) $1.65.

RED TOP, Extra Clean. Per lb. 15c., 5 lbs. 70c., bush. (14 lbs.) $1.65.

SIMMERS' LAWN ENRICHER, for New and Old Lawns. For full description see previous page. We offer it as follows:—A 5 lb. package for 50c., 10 lbs. 75c., 25 lbs. $1.50, 50 lbs. $2.00, 100 lbs. $3.50. Prices for larger quantities on application.

"CANADIAN" HORSE & CATTLE FOOD

The Canadian Horse and Cattle Food is of the greatest advantage to all feeders of Horses and Stock.

For Horses it is a preventive of disease, ensures robust health and gives a gloss to their coat; while for Cattle, in addition to the above, it increases the milk, and fattens rapidly. For Calves nothing is better, proving very economical, necessitating only half the quantity of ordinary food.

Numerous testimonials have been received from prominent Cattle Feeders and Stockmen generally who have used the Canadian Horse and Cattle Food, and they speak of its excellent qualities in the highest terms.

We guarantee this CATTLE FOOD to contain nothing of an injurious nature.

We claim the CANADIAN to be the best Cattle food in the market to-day, while it is only half the cost of some other kinds.

OUR PRICES ARE:—	5 lbs	$0.35	Freight prepaid on lots of 100 lbs. and upwards. Bags are free.
	10 lbs	65	
	50 lbs	2.50	
	100 lbs	4.75	

Circulars on application.

If to be sent by mail add 5c. per lb. to the above prices.

SWEET PEAS

ARE ALL THE GO!

Special Collection

To still more widely popularize these fragant floral favorites, we offer a Collection of beautiful, rare Novelties at an extremely low price.

For 25 cents

We will send one regular-sized packet each of all the following:

Duchess of Edinburgh

Very beautiful; standard light scarlet, flashed with crimson, slightly margined at the edge with cream-white; wings tipped with rose.

Eckford's Delight

Wings pure white, while the standard, also white, is daintily crested with shining crimson and cardinal.

Alba Magnifica

A new white variety of extra large size and good substance. This is undoubtedly one of the very best Sweet Peas, being of the clearest white, flower of good form and very large, and free flowering.

Countess of Radnor

Pale mauve, magnificent. A lovely variety; distinctly two-colored, dark and light mauve, wings light lilac, standards of the usual mauve color; flower large, very free flowering.

All New Varieties Mixed

This is our own mixture of all the newest varieties. A liberal sized packet.

2 Collections, 45c.; 5 Collections, $1.00.

Postpaid to any address.

SIMMERS' SEED STORE

TORONTO

J. A. SIMMERS SEED TORONTO

Our "People's" Collection

FOR 50c., IN PACKETS, AS FOLLOWS

1—Corn, "Ne plus ultra,"..5c.
2—Radish, White Tipped...5c.
3—Onion, "Prize Taker,"..10c.
4—Onion, "Yellow Danvers"5c.
5—Bean, "Imp. Bush Lima"10c.
6—Squash, Hubbard.....5c.
7—Onion, White Multiplier, 25c. per qt.
8—Musk Mellon, "Banquet"10c.
9—Beet, New Columbia...5c.

POST PAID TO ANY ADDRESS
2 COLLECTIONS FOR
$1.25